THE DAILY WEATHER REPORT

(INTRODUCTION)

1st October to 31st December, 1978

Stations published in the Daily Weather Report

METEOROLOGICAL OFFICE
Bracknell, Berkshire

1. HISTORY

A brief history of changes in contents and format between 1st April, 1919, and December, 1949, will be found in the introduction to the British Section for 1st October to 31st December, 1949. On 1st January, 1950, the British and International Sections of the former Report, which had been issued in three sections since 1919, were combined in a single publication, the present Daily Weather Report. At the same time, the third section was published separately with the title of Daily Aerological Record. A number of changes in meteorological codes and specifications were introduced on 1st January, 1955, and incorporated in the Report. Changes in format introduced on 1st July, 1955, provided for the elements of station and ships' observations to be given in the order of the appropriate meteorological code and for some modification of the scales and projections of charts. On 1st January, 1961, the Celsius scale was adopted for reporting surface temperatures. On 1st January, 1967, the metric system was adopted for all references to heights and distances. Certain changes relating to position and wave groups in the Ship-Code were introduced on 1st January, 1968.

2. FORM OF PRESENTATION

(i) **Observations.**—Pages 1 and 4 of the Daily Weather Report contain reports for the four main hours of observation from a representative number of stations in Great Britain and Ireland which provide full reports together with a selection of reports from ocean weather stations for the same hours. In addition, Beaufort letters (Table 20), mainly describing precipitation, are given for each of the four six-hourly periods, together with reports of maximum and minimum temperature, sunshine, rainfall and state of ground (Table 13), in respect of the land stations listed. Explanations of the codes and specifications used are given below.

(ii) **Charts.**—Page 2 contains a chart of the weather in a large part of the northern hemisphere for mid-day of the previous day. Page 3 contains charts of slightly larger scale, for the British Isles and Western Europe, for 1800 h. of the previous day and for 0000 h and 0600 h on the day of issue.

2. FORM OF PRESENTATION (continued)

(iii) **General Synoptic Development.**—Below the weather charts on page 3 will be found a statement which describes the main features in the evolution of the synoptic situation over the United Kingdom during the preceding 24 hours together with an indication of the manner in which it is expected to develop.

3. NOTES

(i) **Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.

(ii) **Temperature.**—On pages 1 and 4 temperature is specified in whole degrees Celsius, negative temperatures being coded by removing the minus sign and adding 50. Equivalent values in degrees Fahrenheit can be obtained by reference to the table printed between these pages. See also note under PPP TT in para. 4 below.

(iii) **Adjusted Readings.**—Where an instrumental reading is found to be in error and some adjustment is necessary, the adjusted reading is published in brackets thus (59).

(iv) **Rainfall Readings in Eire.**—The rainfall totals for stations in Eire are for the periods
18h—06h, reported at 0900h.
06h—18h, reported at 2100h.

(v) Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Practice of Weather Forecasting" which may be purchased from H.M. Stationery Office, 49 High Holborn.

(vi) Correction sheets will be issued weekly. These will contain corrected observations, where appropriate, for all stations with the exception of the following:—stations in Eire, Cape Wrath, Sule Skerry, Mull of Galloway, Kilnsea, Guernsey, Scilly, Hartland Point.

4. EXPLANATION OF CODES AND SPECIFICATIONS

CODE FM 11 V—Land Stations						
N dd ff	VV ww W	PPP TT	N_h C_L h C_M C_H	T_d T_d a pp	$8N_s$ C h_sh_s	RRT_xT_xE sss RRT_nT_nE T_gT_g
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Celsius. *Note.*—In reports from ocean weather stations (FM 21V) only the tens and units figure of air temperature are reported. The tenths figure is reported by t_T.	N_h = Fraction of celestial dome covered by C_L (or C_M if no C_L). C_L = Form of low cloud (Table 6). h = Height above ground of base of lowest cloud (Table 9). C_M = Form of Medium Cloud (Table 7). C_H = Form of high cloud (Table 8).	T_dT_d = Dew point temperature in whole degrees Celsius. a = Characteristic of barometric tendency (Table 10). pp Barometric tendency (change of pressure in last three hours in tenths of millibars).	8 = Indicator figure. N_s = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h_sh_s = Height of base of cloud (Table 12).	RR = Rainfall (Table 19) (Code 3577) (09h–21h) (21h–09h). T_xT_x = Maximum temperature in whole degrees Celsius (09h–21h). T_nT_n = Minimum temperature in whole degrees Celsius (21h–09h). T_gT_g = Minimum temperature on grass in whole degrees Celsius (21h–09h). sss = Duration of sunshine (in hours and tenths) E = State of ground (Table 13) (Code 0900) (at 21h and 09h).

CODE FM 21 V—Ships								
$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Followed by first four groups as in FM 11 V above.	D_s v_s a pp	O T_sT_s T_dT_d	$1T_wT_wT_wt_T$.	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
99 = Indicator group. $L_aL_aL_a$ = Latitude in tenths of a degree.	Q_c = Quadrant of the globe (Table 17). $L_oL_oL_oL_o$ = Longitude in tenths of a degree.	YY = Day of the month. GG = Actual time to the nearest whole hour G.M.T. i_w = Wind indicator (Table 18).		D_s = Direction of movement of ship (Table 14). v_s = Speed of ship in knots (Table 15). a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	O = Indicator figure. T_sT_s = Difference between air temperature and sea temperature in ½ degree Celsius. (If the air temperature is less than the sea temperature, 50 is added to the difference.) T_dT_d = Dew point temperature in whole degrees Celsius.	1 = Indicator figure. $T_wT_wT_w$ = Sea surface temperature in tenths of a degree Celsius. For negative temperatures 500 is added. t_T = The tenths figure of the air temperature.	3 = Indicator figure. P_wP_w = Period of waves in seconds. H_wH_w = Height of the waves in units of 0·5 metre. This group refers to wind waves. If there is a swell with no wind waves this group is reported as 3//00.	d_wd_w = Direction (in tens of degrees) from which waves come. P_w Period of waves (Table 16). H_wH_w Height of the waves in units of 0·5 metre. This group is used to report swell when it is possible to make a clear distinction between swell and wind waves.

Table 1.—Code for Cloud Amount (N, N_h, N_s)

0 = None.

1 = 1 eighth of sky covered or less, but not zero.

2 = 2 eighths of sky covered.

3 = 3 eighths of sky covered.

4 = 4 eighths of sky covered.

5 = 5 eighths of sky covered.

6 = 6 eighths of sky covered.

7 = 7 eighths of sky covered or more, but not 8 eighths.

8 = 8 eighths (sky completely covered).

9 = Sky obscured or cloud amount cannot be estimated.

Note.—"Trace" would be included under Figure 1, which should be used for amounts up to 1/8th (i.e., not up to 3/16ths). "Overcast but with openings" would be included under Figure 7, which should be used for amounts down to 7/8ths (i.e., not down to 13/16ths).

Table 2.—Degrees and Code Figures (dd) corresponding to compass directions

Direction (Compass Points)	Exact equivalent in degrees	Code figures dd	Direction (Compass Points)	Exact equivalent in degrees	Code figures dd
Calm	—	00			
N'E.	11¼	01	S'W.	191¼	19
NNE.	22½	02	SSW.	202½	20
NE'N.	33¾	03	SW'S.	213¾	21
NE.	45	05	SW.	225	23
NE'E.	56¼	06	SW'W.	236¼	24
ENE.	67½	07	WSW.	247½	25
E'N.	78¾	08	W'S.	258¾	26
E.	90	09	W.	270	27
E'S	101¼	10	W'N.	281¼	28
ESE.	112½	11	WNW.	292½	29
SE'E.	123¾	12	NW'W.	303¾	30
SE.	135	14	NW.	315	32
SE'S.	146¼	15	NW'N.	326¼	33
SSE.	157½	16	NNW.	337½	34
S'E.	168¾	17	N'W.	348¾	35
S.	180	18	N.	360	36

Variable, or all directions, or unknown, or waves confused, direction indeterminate 99

Note.—The direction to be observed is "true" not "magnetic"

Table 3.—Code for Visibility—(VV) (Code 4377)

First Code Figure	Second Code Figure 0	1	2	3	4	5	6	7	8	9
	Km									
5	5	*	*	*	*	*	6	7	8	9
6	10	11	12	13	14	15	16	17	18	19
7	20	21	22	23	24	25	26	27	28	29
8	30	35	40	45	50	55	60	65	70	Over 70
	METRES									
9†‡	<50	50	200	500	1,000	2,000	4	10	20	50 or over

In the range 01–50 the figures give actual visibility in tenths of kilometres. This table gives the meanings of higher code figures.
†Values not given may be obtained by interpolation.
* Code figures not used.
‡ Decade 90–99 is used when visibility cannot be determined with sufficient accuracy to justify lower code figures.

Table 4.—Code for Past Weather (W) (Code 4500)

0 = Cloud covering ½ or less of the sky throughout the appropriate period.
1 = Cloud covering more than ½ of the sky during part of the appropriate period and covering half or less during part of the period.
2 = Cloud covering more than ½ of the sky throughout the appropriate period.
3 = Sandstorm, duststorm or blowing snow.
4 = Fog, ice fog or thick haze (visibility less than 1000 m.).
5 = Drizzle.
6 = Rain.
7 = Snow, or rain and snow mixed.
8 = Shower(s)
9 = Thunderstorm(s) with or without precipitation.

The code for W covers the weather occurring during the last six hours.

Table 5.—Code for Present Weather (ww) (Code 4677)

00–19 No precipitation at the station at the time of observation.	00	Cloud development not observed. (Characteristic change of the state of the sky during the past hour.)
	01	Clouds generally dissolving or becoming less developed. (Characteristic change of the state of the sky during the past hour.)
	02	State of sky on the whole unchanged. (Characteristic change of the state of the sky during the past hour.)
	03	Clouds generally forming or developing. (Characteristic change of the state of the sky during the past hour.)
	04	Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.
	05	Haze
	06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation
	07	Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen; or in the case of ships, blowing spray at the station.
	08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour, but no duststorm or sandstorm.
	09	Duststorm or sandstorm within sight of the station or at the station during the preceding hour.
	10	Mist.
	11	Shallow fog or ice fog, in patches. (Fog not deeper than about 2 metres on land or 10 metres at sea.)
	12	Shallow fog or ice fog, more or less continuous. (Fog not deeper than about 2 metres on land or 10 metres at sea.)
	13	Lightning visible, no thunder heard.
	14	Precipitation within sight, not reaching the ground or the surface of the sea.
	15	Precipitation within sight, reaching the ground or the surface of the sea but distant (estimated to be more than 5 km) from the station.
	16	Precipitation within sight reaching the ground or the surface of the sea near to but not at the station.
	17	Thunderstorm, but no precipitation at time of observation.
	18	Squalls. (at or within sight of the station during the preceding hour or at the time of observation.)
	19	Funnel cloud(s)† (at or within sight of the station during the preceding hour or at the time of observation.)
20–29 Precipitation, fog or thunderstorm at station during the last hour but not at time of observation.	20	Drizzle (not freezing), or snow grains. (Not falling as shower(s).)
	21	Rain (not freezing). (Not falling as shower(s).)
	22	Snow. (Not falling as shower(s).)
	23	Rain and snow or ice pellets type (a). (Not falling as shower(s).)
	24	Freezing drizzle or freezing rain. (Not falling as shower(s).)
	25	Shower(s) of rain.
	26	Shower(s) of snow, or of rain and snow.
	27	Shower(s) of hail*, or of hail and rain.
	28	Fog or ice fog.
	29	Thunderstorm (with or without precipitation).
30–39 Duststorms, Sandstorms, drifting or blowing snow.	30	Slight or moderate duststorm or sandstorm. — has decreased during preceding hour.
	31	Slight or moderate duststorm or sandstorm. — no appreciable change during preceding hour.
	32	Slight or moderate duststorm or sandstorm. — has begun or has increased during preceding hour.
	33	Severe duststorm or sandstorm. — has decreased during preceding hour.
	34	Severe duststorm or sandstorm. — no appreciable change during preceding hour.
	35	Severe duststorm or sandstorm. — has begun or has increased during preceding hour.
	36	Slight or moderate drifting snow. (generally low.)
	37	Heavy drifting snow. (generally low.)
	38	Slight or moderate blowing snow. (generally high.)
	39	Heavy blowing snow. (generally high.)
40–49 Fog or ice fog at time of observation.	40	Fog or ice fog at a distance at the time of observation, but not at the station during the last hour, the fog or ice fog extending to a level above that of the observer.
	41	Fog or ice fog in patches.
	42	Fog or ice fog, sky discernible. (has become thinner during the preceding hour.)
	43	Fog or ice fog, sky not discernible. (has become thinner during the preceding hour.)
	44	Fog or ice fog, sky discernible. (no appreciable change during the preceding hour.)
	45	Fog or ice fog, sky not discernible. (no appreciable change during the preceding hour.)
	46	Fog or ice fog, sky discernible. (has begun, or has become thicker during the preceding hour.)
	47	Fog or ice fog, sky not discernible. (has begun, or has become thicker during the preceding hour.)
	48	Fog, depositing rime, sky discernible.
	49	Fog, depositing rime, sky not discernible.
50–59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent. (slight at time of observation.)
	51	Drizzle, not freezing, continuous. (slight at time of observation.)
	52	Drizzle, not freezing, intermittent. (moderate at time of observation.)
	53	Drizzle, not freezing, continuous. (moderate at time of observation.)
	54	Drizzle, not freezing, intermittent. (heavy (dense) at time of observation.)
	55	Drizzle, not freezing, continuous. (heavy (dense) at time of observation.)
	56	Drizzle, freezing, slight.
	57	Drizzle, freezing, moderate or heavy (dense).
	58	Drizzle and rain, slight.
	59	Drizzle and rain, moderate or heavy.
60–69 Rain at time of observation.	60	Rain, not freezing, intermittent. (slight at time of observation.)
	61	Rain, not freezing, continuous. (slight at time of observation.)
	62	Rain, not freezing, intermittent. (moderate at time of observation.)
	63	Rain, not freezing, continuous. (moderate at time of observation.)
	64	Rain, not freezing, intermittent. (heavy at time of observation.)
	65	Rain, not freezing, continuous. (heavy at time of observation.)
	66	Rain, freezing, slight.
	67	Rain, freezing, moderate or heavy.
	68	Rain or drizzle, and snow, slight.
	69	Rain or drizzle and snow, moderate or heavy.
70–79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes. (slight at time of observation.)
	71	Continuous fall of snow flakes. (slight at time of observation.)
	72	Intermittent fall of snow flakes. (moderate at time of observation.)
	73	Continuous fall of snow flakes. (moderate at time of observation.)
	74	Intermittent fall of snow flakes. (heavy at time of observation.)
	75	Continuous fall of snow flakes. (heavy at time of observation.)
	76	Ice prisms (with or without fog).
	77	Snow grains (with or without fog).
	78	Isolated starlike snow crystals (with or without fog).
	79	Ice pellets type (a).
80–90 Showery precipitation	80	Rain shower(s), slight.
	81	Rain shower(s), moderate or heavy.
	82	Rain shower(s), violent.
	83	Shower(s) of rain and snow, slight.
	84	Shower(s) of rain and snow, moderate or heavy.
	85	Snow shower(s), slight.
	86	Snow shower(s), moderate or heavy.
	87	Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. (slight / moderate or heavy.)
	88	Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. (slight / moderate or heavy.)
	89	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. (slight. / moderate or heavy.)
	90	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. (slight. / moderate or heavy.)
91–99 Precipitation with current or recent thunderstorm	91	Slight rain at time of observation. (thunderstorm during the preceding hour, but not at time of observation.)
	92	Moderate or heavy rain at time of observation. (thunderstorm during the preceding hour, but not at time of observation.)
	93	Slight snow, rain and snow mixed, or hail* at time of observation. (thunderstorm during the preceding hour, but not at time of observation.)
	94	Moderate or heavy snow, rain and snow mixed or hail* at time of observation. (thunderstorm during the preceding hour, but not at time of observation.)
	95	Thunderstorm, slight or moderate, without hail* but with rain and/or snow at time of observation.
	96	Thunderstorm, slight or moderate, with hail* at time of observation.
	97	Thunderstorm, heavy, without hail*, but with rain and/or snow at time of observation. (thunderstorm at time of observation.)
	98	Thunderstorm combined with duststorm or sandstorm at time of observation. (thunderstorm at time of observation.)
	99	Thunderstorm, heavy, with hail* at time of observation. (thunderstorm at time of observation.)

The expression " at the station " refers to a land station or a ship at the point from which observations are normally taken.

† Tornado cloud or water spout.

* Hail, ice pellets type (b), snow pellets. ICE PELLETS are defined as transparent or translucent pellets of ice, which are spherical or irregular, rarely conical, and which have a diameter of 5 mm. or less. They may be subdivided into two main types.

(a) Frozen raindrops or largely melted and refrozen snowflakes.

(b) Pellets of snow encased in a thin layer of ice. HAIL is defined as small balls or pieces of ice (hailstones) with a diameter ranging from 5 mm. to 50 mm. or sometimes more, falling either separately or agglomerated into irregular lumps.

Table 6.—Code for form of Low Cloud (C_L) (Code 0513)

0 = No stratocumulus, stratus, cumulus or cumulonimbus.

1 = Ragged cumulus other than of bad weather, or cumulus with little vertical extent and seemingly flattened, or both.

2 = Cumulus of moderate or strong vertical extent, generally with protuberances in the form of domes or towers, either accompanied or not by other cumulus or by stratocumulus : all having their bases at the same level.

3 = Cumulonimbus, the summits of which, at least partially, lack sharp outlines, but are neither clearly fibrous (cirriform) nor in the form of an anvil : cumulus, stratocumulus or stratus may also be present.

4 = Stratocumulus formed by the spreading out of cumulus : cumulus may also be present.

5 = Stratocumulus not resulting from the spreading out of cumulus.

6 = Stratus in a more or less continuous sheet or layer, or in ragged shreds, or both, but no stratus fractus of bad weather.

7 = Stratus fractus of bad weather or cumulus fractus of bad weather (pannus), or both ; usually below altostratus or nimbostratus. By " bad weather " is meant the conditions which generally exist before, during or after precipitation.

8 = Cumulus and stratocumulus, other than those formed from the spreading out of cumulus : the base of cumulus is at a different level from that of stratocumulus.

9 = Cumulonimbus, the upper part of which is clearly fibrous (cirriform), often in the form of an anvil ; either accompanied or not by cumulus, stratocumulus, stratus or pannus.

/ = Stratocumulus, stratus, cumulus and cumulonimbus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena.

Table 7.—Code for form of Medium Cloud (C_M) (Code 0515)

0 = No altocumulus, altostratus or nimbostratus.

1 = Altostratus, the greater part of which is semi-transparent : through this part the sun or moon may be weakly visible as through ground glass.

2 = Altostratus, the greater part of which is sufficiently dense to hide the sun (or moon), or nimbostratus.

3 = Altocumulus, the greater part of which is semi-transparent, and no part of which is crenelated or in cumuliform tufts : the various elements of the cloud change only slowly and are all at a single level.

4 = Patches (often in the form of almonds or fishes) of altocumulus, the greater part of which is semi-transparent ; the clouds are at one or more levels and the elements are continually changing in appearance.

5 = Semi-transparent altocumulus in bands or altocumulus in one more or less continuous layer progressively invading the sky : these altocumulus clouds generally are growing denser as a whole. The layer may be opaque or may consist of two or more sheets.

6 = Altocumulus resulting from the spreading out of cumulus.

7 = Any one of the following cases :—

(a) Altocumulus in two or more layers, usually opaque in places and not progressively invading the sky.

(b) Opaque layer of altocumulus not progressively invading the sky.

(c) Altocumulus together with altostratus or nimbostratus or both.

8 = Altocumulus with sprouts in the form of small towers or battlements, or altocumulus having the appearance of cumuliform tufts.

9 = Altocumulus, generally at several levels, in a chaotic sky : dense cirrus is usually also present.

/ = Altocumulus, altostratus and nimbostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

Code 8.—Code for form of High Cloud (C_H) (Code 0509)

0 = No cirrus, cirrocumulus or cirrostratus.

1 = Cirrus in the form of filaments, strands or hooks, not progressively invading the sky (often called " mares' tails ").

2 = Dense cirrus, in patches or entangled sheaves, which usually do not increase and sometimes seem to be the remains of the upper part of a cumulonimbus : or cirrus with sproutings in the form of towers or battlements, or having the appearance of cumuliform tufts.

3 = Dense cirrus, often in the form of an anvil ; either the remains of the upper parts of a cumulonimbus or parts of distant cumulonimbus, the cumuliform portions of which cannot be seen.

4 = Cirrus in the form of hooks or of filaments, or both, progressively invading the sky : they generally become denser as a whole.

5 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone : in either case, they are progressively invading the sky, and generally growing denser as a whole, but the continuous veil does not reach 45 degrees above the horizon.

6 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone : in either case, they are progressively invading the sky, and generally growing denser as a whole ; the continuous veil extends more than 45 degrees above the horizon, without the sky being totally covered.

7 = Veil of cirrostratus completely covering the celestial dome.

8 = Cirrostratus not progressively invading the sky and not completely covering the celestial dome.

9 = Cirrocumulus alone or cirrocumulus accompanied by cirrus or cirrostratus, or both, but cirrocumulus is the predominant cirriform cloud.

/ = Cirrus, cirrocumulus and cirrostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

Table 9.—Code for Cloud Height (h) (Code 1600)

Code figure	Height of base of cloud metres
0	0–50
1	50–100
2	100–200
3	200–300
4	300–600
5	600–1,000
6	1,000–1,500
7	1,500–2,000
8	2,000–2,500
9	Above 2,500
/	Height of base of cloud not known or base of clouds at a level lower and tops at a level higher than that of the station.

Note 1.—If there is no cloud at all code figure 9 is reported.

Note 2.—If there is fog, and the sky is discernible through the fog, the cloud form, height and amount are reported as if no fog were present. If the sky is not discernible through the fog the height of the base of the cloud is reckoned as 0.

Note 3.—Height above ground of the base of cloud. If there is cloud of Form C_L reported, h refers to this cloud. If, however, there is no cloud of Form C_L and there is cloud of Form C_M h refers to this cloud.

Table 10.—Code for Characteristic of Barometric Tendency (a) (Code 0200)

0 = Increasing, then decreasing; atmospheric pressure the same as or higher than 3 hrs ago.

1 = Increasing, then steady; or increasing, then increasing more slowly.
2 = Increasing (steadily or unsteadily).
3 = Decreasing or steady, then increasing; or increasing, then increasing more rapidly.
} atmospheric pressure now higher than 3 hrs ago.

4 = Steady, atmospheric pressure the same as 3 hrs ago.

5 = Decreasing, then increasing; atmospheric pressure the same as or lower than 3 hrs ago.

6 = Decreasing, then steady; or decreasing, then decreasing more slowly.
7 = Decreasing (steadily or unsteadily).
8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.
} atmospheric pressure now lower than 3 hrs ago.

Table 11.—Code for Type of Cloud (C) (Code 0500)

0 = Cirrus (Ci).
1 = Cirrocumulus (Cc).
2 = Cirrostratus (Cs).
3 = Altocumulus (Ac).
4 = Altostratus (As).
5 = Nimbostratus (Ns).
6 = Stratocumulus (Sc).
7 = Stratus (St).
8 = Cumulus (Cu).
9 = Cumulonimbus (Cb).
/ = Cloud not visible owing to darkness, fog, duststorm, sandstorm or other analogous phenomena.

Table 12.—Code for Height of Cloud (h_sh_s) (Code 1677)

Code figures 01–50: × 30 = height in metres. Code figures 56–80: − 50 × 3 = height in hundreds of metres.

CODE FIGURES 81–89

Code figures		Metres
81	=	10,500
82	=	12,000
83	=	13,500
84	=	15,000
85	=	16,500
86	=	18,000
87	=	19,500
88	=	21,000
89	=	>21,000

CODE FIGURES 90–99*

Code figures		Metres
90	=	<50
91	=	50–100
92	=	100–200
93	=	200–300
94	=	300–600
95	=	600–1,000
96	=	1,000–1,500
97	=	1,500–2,000
98	=	2,000–2,500
99	=	2,500 or more, or no clouds.

*Only used when cloud height cannot be determined with greater accuracy.

Table 13.—Code for State of Ground (E) (Code 0900)

0 ... Ground dry.
1 ... ,, moist.
2 ... ,, wet.
3 ... ,, frozen.
4 ... Glaze or ice on ground but no snow or melting snow.
5 ... Snow or melting snow (with or without ice) covering less than one half of ground.
6 ... Snow or melting snow (with or without ice) covering more than one-half of ground (but not completely).
7 ... Snow or melting snow (with or without ice) covering ground completely.
8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).
9 ... Loose dry snow, dust or sand covering ground completely.

Table 14.—Code for Direction in which Ship has moved (D_s) (Code 0700)

0 = Stationary.
1 = North-east.
2 = East.
3 = South-east.
4 = South.
5 = South-west.
6 = West.
7 = North-west.
8 = North.
9 = No definite direction or unknown.

Table 15.—Code for Speed of Ship (v_s) (Code 4451)

	kt
0 =	0
1 =	1–5
2 =	6–10
3 =	11–15
4 =	16–20
5 =	21–25
6 =	26–30
7 =	31–35
8 =	36–40
9 =	>40

Table 16.—Code for Period of Waves (P_w) (Code 3155)

	sec
0 =	10
1 =	11
2 =	12
3 =	13
4 =	14 or more
5 =	5 or less
6 =	6
7 =	7
8 =	8
9 =	9

Table 17.—Quadrant of the globe (Q_c) (Code 3333)

	Latitude	Longitude
1	North	East
3	South	East
5	South	West
7	North	West

Table 18.—Wind Indicator (i_w) (Code 1855)

0 = wind speed estimated
1 = wind speed obtained by anemometer
} wind speed in metres per second

3 = wind speed estimated
4 = wind speed obtained by anemometer
} wind speed in knots

Table 19.—Code for Amount of Precipitation (RR) (Code 3577)

	mm
01–55	Amount to the nearest whole millimetre.
56	60
57–90	Add 10 mm for each unit above 56 e.g., 73 = 230 mm
91	0·1
92	0·2
93	0·3
94	0·4
95	0·5
96	0·6
97	Trace (There has been precipitation but amount less than 0·05 mm).
98	>400
99	Measurement impossible or inaccurate.

Table 20.—Explanation of Beaufort Letters (pages 1 and 4)

d = drizzle.
f = fog, visibility 200 metres, or more but less than 1 kilometre.
F = thick fog, visibility less than 200 metres.
h = hail, ice prisms or ice pellets types (a) and (b).
ks = storm of drifting snow.
l = lightning
p = shower(s).
r = rain.
s = snow
rs = rain and snow.
t = thunder.

Intensity is shown by capital letters ("heavy" or "thick") or suffix "o" ("slight"). Continuous precipitation is shown by repeating the letter and intermittent precipitation by the prefix "i". The prefix "j" indicates weather near but not at the station.

5. EXPLANATION OF CHARTS

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside Station circle.

TEMPERATURE is given in degrees C., and is shown on the charts by means of figures alongside the Station circle.

CLOUD SYMBOLS

Clear sky. Sky 1/8 covered. Sky 2/8 covered. Sky 3/8 covered. Sky 4/8 covered. Sky 5/8 covered. Sky 6/8 covered. Sky 7/8 Covered Sky 8/8 covered. Sky obscured. Missing or doubtful data.

WEATHER SYMBOLS

Rain. Drizzle. Snow. Rain and snow. Hail. Shower. Thunderstorm. Fog. Mist.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced, in the following way—

Warm Front at the surface.
Cold Front at the surface.
Stationary Front.
Axis of trough.
Occluded Front.
Cold front frontogenesis.
Cold front frontolysis.
Warm front frontogenesis.
Warm front frontolysis.

Note.—The symbols are placed on the side of the line towards which the front is moving. Identification letters are inserted in systems.

ALTITUDES OF STATIONS:—The altitudes, in metres, of British and Irish stations are given below. These refer in each case to the datum level of the ground beneath or nearly beneath the thermometer screen. Where the official name of the station differs, this is given in brackets.

Boscombe Down	126	Hartland Point	90	Tynemouth	29	Sule Skerry	13
Hurn (Bournemouth/Hurn Airport)	10	Mount Batten (Plymouth/Mount Batten)	27	Carlisle	26	Cape Wrath	112
		St. Mawgan	103	Valley	10	Stornoway	15
Manston	44	Scilly, St. Mary's	48	Ringway (Manchester Airport)	75	Benbecula	6
Gatwick (London/Gatwick Airport)	59	Culdrose	82	Squires Gate (Blackpool Airport)	10	Tiree	9
Kew	5	Guernsey Airport	104	Ronaldsway (Isle of Man/Ronaldsway Airport)	17	Aldergrove (Belfast/Aldergrove Airport)	69
Heathrow (London/Heathrow Airport)	25	Elmdon (Birmingham Airport)	96	Mull of Galloway	78	Malin Head	20
Honington	49	Cardington	28	Eskdalemuir	242	Belmullet	9
Wattisham	89	Wittering	75	Prestwick (Prestwick Airport)	16	Birr	70
Gorleston	4	Watnall	117	Abbotsinch (Glasgow Airport)	5	Dublin (Dublin Airport)	68
Aberporth	133	Shawbury	72	Leuchars	10	Shannon (Shannon Airport)	2
		Finningley	10	Dyce (Aberdeen/Dyce)	58	Roches Point	40
Filton (Bristol/Filton)	59	Spurn Point	12	Lerwick	82	Valentia (Valentia Observatory)	9
Rhoose (Glamorgan/Rhoose Airport)	67	Leeming	32	Wick	36		

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 276 — MONTHLY SUMMARY — For DECEMBER 1978

VARIABLE WEATHER, WITH WIDESPREAD SNOW AT THE END OF THE MONTH

A weak ridge of high pressure over the North Sea on the 1st receded eastwards over the next few days as a series of fronts crossed the country from the Atlantic. A series of vigorous depressions moved eastwards to become quasi-stationary near the western coast of Ireland, giving a mild south to southwesterly airstream over the British Isles, and this pattern persisted in general until the 13th. On the 14th and 15th the low pressure area drifted slowly across southern England into France, and a cold north to northeasterly airstream became established over the whole country. A ridge of high pressure developed from the Azores to Iceland on the 16th and this swung eastwards across the country on the 17th and 18th. An anticyclone then became established over eastern Europe with a ridge of high pressure extending to England, and fronts affected western Scotland and Ireland. On the 20th a low pressure area developed over the Bay of Biscay and fronts moved northwestwards over the British Isles. This was absorbed by a more vigorous depression which moved eastwards into the Southwest Approaches, with its associated fronts bringing milder air over the southern part of the country on the 24th. This situation persisted for several days with a cold easterly airstream in the north and a mild south to southwesterly airstream in the southern part of the British Isles. On the 29th the low pressure area moved slowly across southern England to the Low Countries, allowing the cold easterly winds to extend southwards across the whole country on the 30th. A small depression developed west of the Shetlands on the 31st.

It remained mainly cold on the 1st with some freezing fog patches in eastern England and some rain in the west and southwest. However, milder weather spread northeastwards across the country with snow or sleet turning to rain. Fog, dense in places, affected much of central and southern England on the nights of the 3rd/4th and 4th/5th. From the 7th to the 15th it was generally mild with periods of rain, heavy at times, and some thunderstorms occurred on the 12th, 13th and 14th in the south. Southeasterly gales affected some places mainly in the west early in the month, and southwesterly gales affected southern parts of England and Wales between the 12th and 14th. Colder weather spread to all parts of the country on the 16th with rain, sleet or snow mainly in northern and eastern districts. This weather continued till the 23rd with some clear or sunny periods and fog patches, sometimes freezing fog, in parts of England and Wales. Milder weather spread over the southern part of the country from the 24th to the 28th with periods of rain, heavy in places. In the north it remained cold, with snow mainly confined to the high ground. Flooding occurred in parts of northern England and Northern Ireland. The cold weather returned to the whole of the country on the 29th and 30th with periods of sleet or snow. Although level snow depths only exceeded 10cm in a few places, there was considerable drifting in the strong to gale force easterly winds. On the 31st maximum temperatures were generally below freezing point in all but a few coastal stations in the west and south.

Mean temperatures in most districts were within 1°C of average. They were slightly above average in southern England and South Wales and also in northern and northwestern Scotland. Elsewhere they were below average and between 1°C and 1.5°C below average in the Doncaster area.

Sunshine was near or above average in Wales and western England and it was about one and a half times the average in Northern Ireland. Elsewhere it was below average, and less than half the average in eastern Scotland. Aberdeen Airport (Dyce) and Tynemouth had their lowest December sunshine total since records began in 1941 and 1936 respectively.

Rainfall was below average in west and northwest Scotland. Elsewhere it was above average, and more than twice the average in Northern Ireland and the western half of Scotland and England. It was more than three times the average in northeast England and nearly four times the average in the Doncaster area. Several places in eastern England and eastern Scotland had their wettest December since their records began. It will be noted that in the case of Tynemouth rainfall records extend back to 1864.

PLACE	TEMPERATURE										SUNSHINE										RAINFALL												
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days with grass minimum below 0° C	No. of air frosts	Days of no sunshine	Maximum duration hrs.	Date	Total for month hrs.	% of average	Highest and lowest totals on record for month: First year of record	Highest hrs.	Year	Lowest hrs.	Year	Days of no rainfall (0·1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.) mm.	Date	Total for month mm.	% of average	Highest and lowest totals on record for month: First year of record	Highest mm.	Year	Lowest mm.	Year	Days with thunder	Days with snow or rain and snow	Days with fog (Vis. < 200 metres at 09 h.)
Kew	07.6	+0.3	02.6	+0.1	14.5	11	-07.3	01	17	11	11	05.4	06	039	091	1880	072	1886	000	1890	10	20	10	114	219	1866	162	1914	06	1926	01	04	01
Cardington	06.5	-0.3	01.8	+0.1	14.7	10	-08.1	01	17	12	14	06.0	01	042	086	1949	091	1962	014	1969	08	12	07	098*	218	1947	093	1965	10	1963	00	06	04
Boscombe Down	06.7	-0.2	02.4	+0.3	13.4	11	-05.2	19	16	11	14	06.4	19	037	073	1932	091	1962	020	1956	08	21	28	178	237	1931	204	1934	11	1933	01	05	01
Rhoose	07.4	-0.6	03.7	+1.0	14.2*	10	-04.9	31	11	08	10	06.7	17	048	100	1954	065	1961	003	1956	09	21	14	159	164	1954	208	1965	42	1967	00	05	01
Mount Batten	09.3	+0.1	05.6	+0.7	14.1	10	-04.5	31	10	05	08	05.6	17	054	100	1921	082	1946	027	1927	07	27	01	204	185	1921	246	1934	14	1926	03	01	00
Elmdon	05.9	-0.6	01.4	-0.4	14.5	10	-10.9	01	15	14	17	06.3	17	042	100	1945	070	1976	019	1956	09	18	13	134	220	1940	138	1965	12	1963	00	08	01
Valley	08.2	-0.3	04.0	-0.6	15.3	11	-04.4	20	11	08	14	06.9	19	055	109	1946	080	1960	030	1959	12	21	27	131	139	1941	179	1964	17	1963	01	04	00
Ringway	06.0	-0.4	02.0	-0.2	14.5	10	-08.0	20	16	10	13	05.0	01	039	106	1945	065	1964	016	1947	11	27	28	118	154	1942	180	1965	11	1963	00	06	00
Watnall	05.2	-0.9	01.1	-0.8	13.4	10	-08.3	01	21	11	19	05.8	17	026	068	1948	062	1961	012	1956	08	26	27	177	285	1941	180	1965	19	1963	00	08	04
Finningley	05.3	-1.5	01.1	-1.0	12.9	10	-07.9	01	18	14	18	04.5	17	029	076	1958	075	1972	014	1958	09	29	27	171*	398	1958	097	1965	08	1963	00	08	01
Tynemouth	05.7	-0.9	03.0	-0.2	12.4	10	-04.3	31	11	09	20	05.6	01	019*	051	1936	071	1966	023	1968	09	34	24	161*	310	1864	133	1915	04	1905	00	04	01
Eskdalemuir	03.5	-1.3	00.2	-0.1	11.4	11	-09.2	20	19	15	18	06.0	(a)	034	084	1911	074	1967	003	1912	07	30	28	193	124	1911	339	1932	33	1933	00	12	00
Abbotsinch	05.2	-1.3	01.3	-0.6	13.0	10	-05.8	30	19	13	19	05.6	17	020	066	1921	068	1967	009	1956	07	11	24	093	087	1921	230	1929	15	1933	00	09	00
Leuchars	05.4	-0.7	01.9	+0.3	10.5	(a)	-05.5	31	16	10	17	06.0	17	021	043	1921	082	1967	016	1934	07	28	24	155*	272	1921	127	1959	08	1926	00	08	00
Dyce	05.0	-0.7	02.0	+1.0	09.6	11	-05.9	31	16	08	21	06.0	18	016*	035	1941	067	1951	017	1968	06	20	08	160*	213	1942	147	1955	25	1941	00	11	00
Stornoway	06.7	-0.3	04.4	+1.5	11.7	11	-03.8	31	04	05	21	05.0	30	021	082	1880	054	1935	006	1884	08	12	25	071	054	1943	214	1949	29	1977	00	04	00
Aldergrove	06.4	-0.3	02.4	-0.1	13.5	10	-04.0	31	12	07	13	06.2	31	054	155	1927	070	1935	017	1954	09	29	27	195*	212	1927	145	1929	15	1963	01	06	00

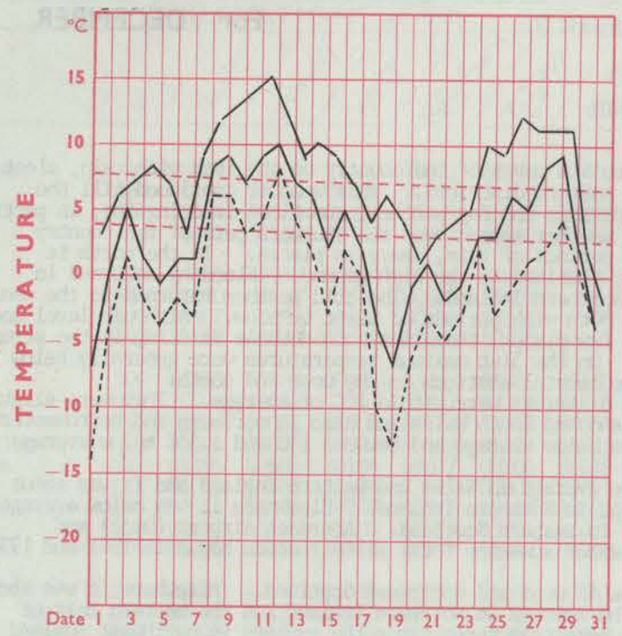
(a) 11, 12 * New highest

(a) 16, 17 * New lowest

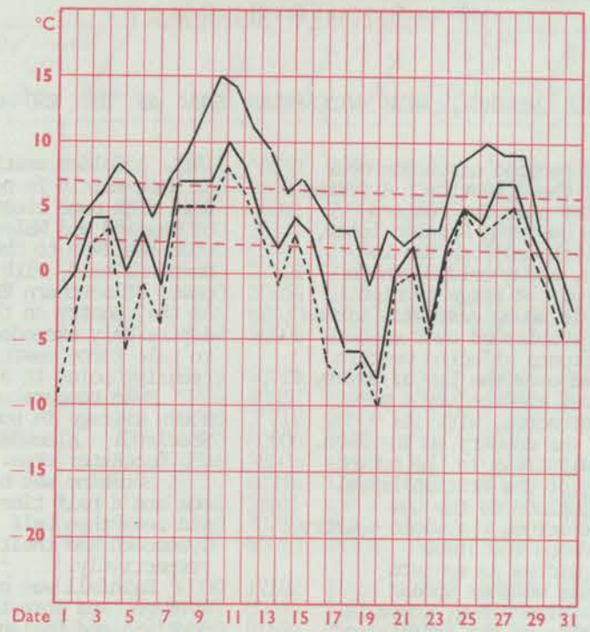
* New highest

Correction to MONTHLY SUMMARY No.275 for NOVEMBER 1978
Against CARDINGTON, amend first two TEMPERATURE columns to read 11.8 + 2.3

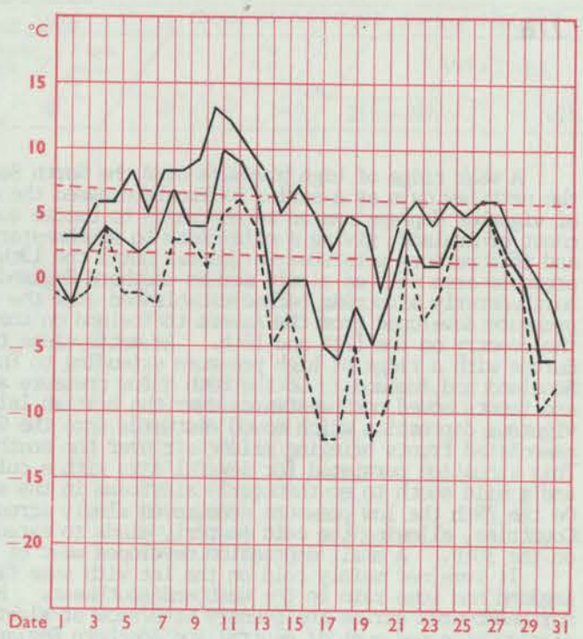
LONDON (Kew)



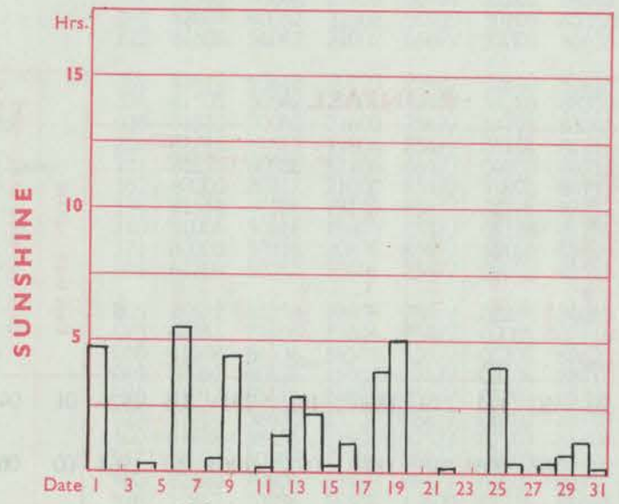
MANCHESTER (Ringway)



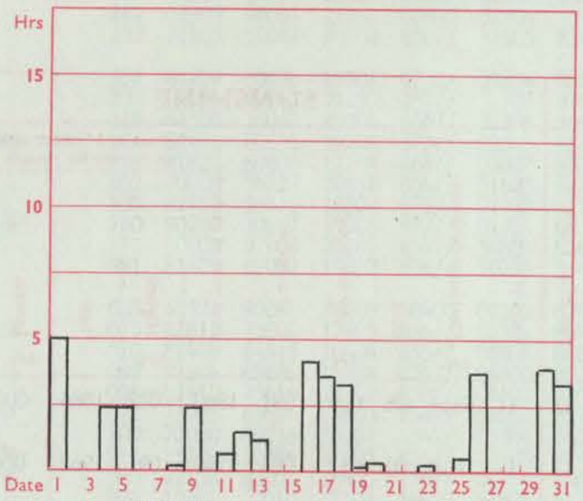
GLASGOW (Abbotsinch)



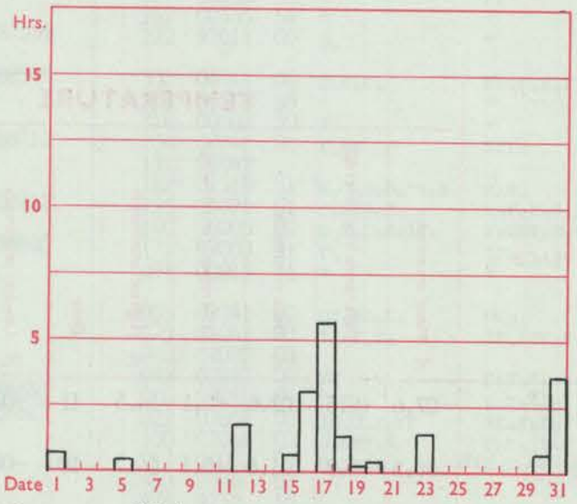
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1941-1970)
Normals for Kew are based on North Wall readings and may not be absolutely comparable with the daily values plotted above which are obtained from psychrometer measurements.



Total for month 39 hrs 30-year (1941-1970) average 43 hrs.

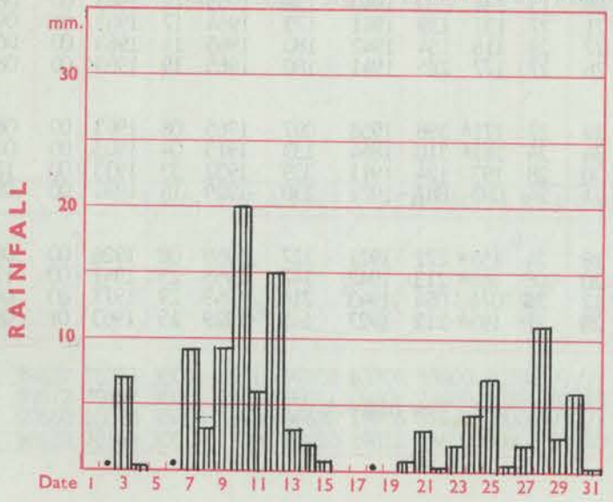


Total for month 39 hrs 30-year (1941-1970) average 37 hrs.

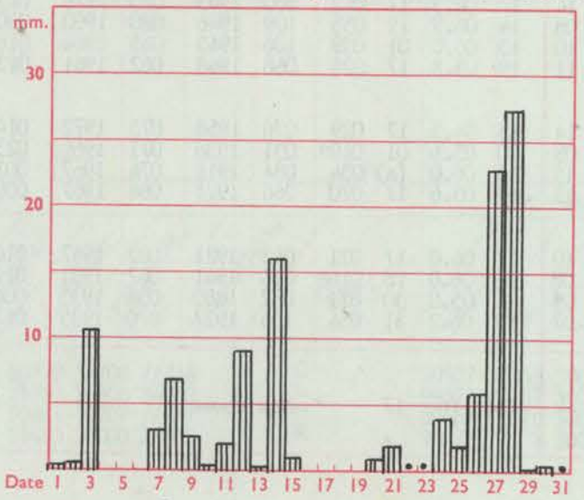


Total for month 20 hrs 30-year (1941-1970) average 30 hrs.

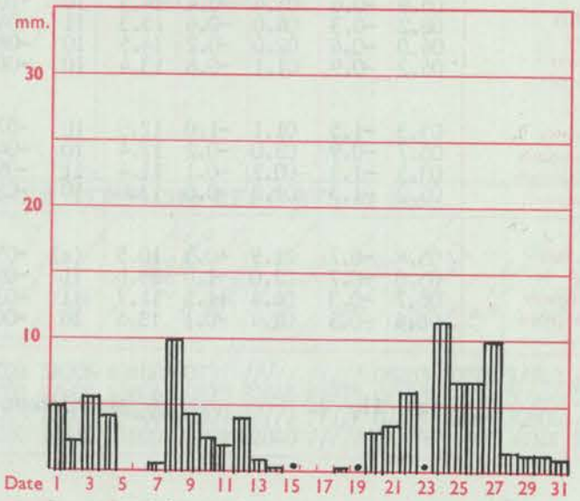
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0·05 mm) is indicated by " • "



Total for month 114 mm 30-year (1941-1970) average 52 mm.



Total for month 118 mm 30-year (1941-1970) average 77 mm.



Total for month 93 mm 30-year (1941-1970) average 106 mm.

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Bracknell, Berks.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307–2541

No. 42743 Date of Issue FRIDAY 1 DECEMBER 1978

Code FM 11.V OBSERVATIONS at 12h. 30 November 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70907	59052	20101	6563/	53706	83635	86656	87358
Hurn	862	70204	35217	19602	5847/	01707	83715	83820	87360
Manston	797	73310	58151	20204	784//	51710	85818	83645	
Gatwick	776	10504	45040	20502	10931	51808	81360		
Kew	775	11002	56054	20603	00904	53807	81075		
Heathrow	772	40704	35050	20402	00904	54808	84078		
Honington	586	22902	45051	20702	25501	52809	81628		
Wattisham	590	13505	45051	20750	15700	52809	81656		
Gorleston	497	63405	60258	20503	695//	01706	86920		
Aberporth	502	81620	57107	17502	854//	00705	81616	83635	88656
Filton	628	80906	20057	20201	4557/	52710	82625	83650	85361
Rhoose	715	80907	32607	19502	872//	01808	81704	88706	
Hartland Point	703	71010	64016	17203	3457/	02808	83625	87360	
Mount Batten	827	70906	65026	17606	4563/	03808	84640	87360	
St.Mawgan	817	71011	62026	16905	6563/	03806	86635		
Scilly	804	81513	80026	16009	855//	07609	88625		
Culdrose	809	61309	75016	16507	68600	00810	82835	86640	
Guernsey	894	71411	69022	18105	52431	50806	85814	83075	
Elmdon	534	71402	20284	20950	20932	52804	82365	86075	
Cardington	559	93002	01477	21654	9////	54603	89/01		
Wittering	462	12802	30054	21551	00901	52803	81075		
Watnall	354	12202	15054	21102	00901	54806	81078		
Shawbury	414	71103	18044	20301	25232	50606	81704	86361	
Finningley	360	90102	00494	21254	9////	55807	89///		
Spurn Point	396	53105	56251	21103	38470	01807	81815	83620	85360
Leeming	257	90402	00494	21955	9////	55806	89/00		
Tynemouth	262	32306	39050	21501	20931	53607	82358		
Carlisle	222	71406	57042	20503	5573/	52802	85650	87360	
Valley	302	81107	70216	18103	853//	02709	81706	88628	
Ringway	334	61503	50042	20802	1157/	53706	81820	86360	
Squires Gate	318	71409	32042	20503	7093/	51705	87360		
Ronaldsway	204	81215	65636	18604	853//	03704	81709	86712	88615
Mull of Galloway	131	81623	65616	17204	6552/	02806	86620	88459	
Eskdalemuir	162	70000	57017	20600	755//	52803	83625	87640	
Prestwick	135	81609	57237	19202	6547/	01204	81712	83618	85624
Abbotsinch	140	80606	16687	20201	852//	01306	83703	83616	88642
Leuchars	171	70902	58046	20402	50918	01701	85460	87270	
Dyce	091	71708	65022	19803	7857/	00804	81822	87656	
Lerwick	005	71524	70268	21005	68372	03000	82709	84812	86625
Wick	075	81614	80026	17905	5832/	01805	82709	83715	88460
Sule Skerry	010	81510	81505	16906	7532/	04803	83708	87620	88458
Cape Wrath	049	81402	66616	16505	874//	04605	88715		
Stornoway	026	82506	75606	15906	6547/	06001	81617	83625	86650
Benbecula	022	71808	75026	16106	754//	05101	82711	83617	87645
Tiree	100	71216	80606	16406	4542/	05004	81712	83645	87458
Aldergrove	917	81204	50106	16605	861//	05803	82702	88704	
Malin	980	62107	65036	16606	634//	04101	81712	81920	84636
Belmullet	976	10000	83030	16207	18532	02706	81820		
Birr	965	80304	16584	15905	863//	05709	87707	88710	
Dublin	969	80903	40605	15906	860//	06711	82701	85703	86707
Shannon	962	63504	80031	15704	35550	03811	81620	83645	85362
Roches Point	952	73306	62818	14507	784//	06608	84710	83818	87640
Valentia	953	20000	82030	15207	11501	03809	81826		

OBSERVATIONS at 18h. 30 November 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	60909	45052	18951	60971	53805	83360	85362	
Hurn	862	70704	35052	18250	15531	51806	81622	83360	86075
Manston	797	80902	57608	19402	883//	01301	82707	84812	88650
Gatwick	776	10901	50100	19652	10931	52002	81360		
Kew	775	00000	35040	19453	00900	53801			
Heathrow	772	00805	27040	19201	00900	51000			
Honington	586	12603	10101	20055	15600	56102	81640		
Wattisham	590	13507	14100	19953	00902	54101	81075		
Gorleston	497	51502	66018	19604	54500	02301	85625		
Aberporth	502	81618	58035	16002	855//	50608	81625	84631	88650
Filton	628	80906	22052	18701	6567/	52805	82640	86650	88459
Rhoose	715	70808	56207	17602	754//	01809	82710	87632	
Hartland Point	703	81307	64022	15603	4457/	02706	84625	88360	
Mount Batten	827	71006	56042	16005	4573/	02806	84650	87359	
St.Mawgan	817	51110	70012	15305	55700	01505	85656		
Scilly	804	61413	80022	13808	58570	06609	82820	85625	
Culdrose	809	81210	65032	14907	884//	03507	82710	88620	
Guernsey	894	61308	70032	17303	5243/	51000	85816		
Elmdon	534	93501	00494	19956	9////	57802	89///		
Cardington	559	92502	00477	20355	9////	56801	89/00		
Wittering	462	02903	20100	20152	00900	53802			
Watnall	354	00000	10050	20353	00900	54705			
Shawbury	414	50903	09462	18851	5093/	52706	85359		
Finningley	360	93502	00494	20455	9////	56701	89///		
Spurn Point	396	83002	30051	20204	1571/	01701	81650	88459	
Leeming	257	92202	00494	20754	9////	55802	89/00		
Tynemouth	262	62305	45051	20101	40938	51606	84358		
Carlisle	222	61104	57042	19200	6093/	53605	86360		
Valley	302	81308	65026	16603	855//	02606	83624	88638	
Ringway	334	11307	35041	19751	10932	53705	81362		
Squires Gate	318	41310	40041	18951	40930	53507	84362		
Ronaldsway	204	81214	75026	17104	854//	02605	83713	86616	88628
Mull of Galloway	131	81622	76026	15505	4551/	01712	84625	88460	
Eskdalemuir	162	80000	50052	19451	857//	53704	88656		
Prestwick	135	71307	59042	17701	755//	50707	81620	83630	86650
Abbotsinch	140	70906	38047	18402	754//	51508	81616	87645	
Leuchars	171	70000	62022	19302	7097/	51704	87359		
Dyce	091	71806	59042	19102	2557/	51603	82620	87358	
Lerwick	005	81518	58618	20404	853//	02802	84706	88628	
Wick	075	81615	80022	16905	5567/	51802	82632	85650	88460
Sule Skerry	010	81612	80515	15405	873//	04710	88708		
Cape Wrath	049	82302	62516	15005	874//	04709	88710		
Stornoway	026	82305	65616	14705	854//	04706	83710	85618	88630
Benbecula	022	71706	80026	14905	754//	04606	81715	84623	87650
Tiree	100	71323	75038	15006	784//	04707	82815	87622	
Aldergrove	917	81211	58515	15005	863//	04607	83708	88710	
Malin	980	61413	68032	14105	684//	04711	81715	85818	
Belmullet	976	10807	81020	11802	16402	01722	81717		
Birr	965	81409	60605	12107	864//	06714	86712	88630	
Dublin	969	81514	58616	14107	863//	06606	82707	86714	88628
Shannon	962	80302	59102	11406	863//	05718	88708		
Roches Point	952	71421	59816	11409	784//	07607	83715	84818	85636
Valentia	953	10703	82011	10603	00901	03720	81070		

OBSERVATIONS during DAY

Station	iii	RRT×TE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00023	000	+	+
Hurn	862	02033	000	$h_oh_o-r_os_o-r_o$	+
Manston	797	02041	002	$ph_or_ophrpr_os_o$	$pr_or_or_od_or_o$
Gatwick	776	00043	051	+	+
Kew	775	00043	059	+	iF
Heathrow	772	00053	046	+	+
Honington	586	00037	026	jp	if
Wattisham	590	00007	061	+	+
Gorleston	497		015		
Aberporth	502	97021	000	id_o	id_o
Filton	628	97011	000	s_os_o	+
Rhoose	715	01021	000	$s_or_os_or_od_o-r_o$	$r_ofr_os_ofd_o$
Hartland Point	703	00040	000		
Mount Batten	827	00061	001	+	+
St.Mawgan	817	97071	000	r_o	+
Scilly	804	00091	003	+	+
Culdrose	809	00071	001	+	+
Guernsey	894	00050	025	+	+
Elmdon	534	00013	035	ifFf	ifFF
Cardington	559	97533	000	FFsh	FFsh
Wittering	462	00033	070	+	+
Watnall	354	00033	044	ff	ff
Shawbury	414	00025	006	+	ff
Finningley	360	00543	000	FFf	FF
Spurn Point	396			pr_o	+
Leeming	257	00543	000	ff	ff
Tynemouth	262	00025	047	+	+
Carlisle	222	00033	000	+	+
Valley	302	01041	000	ir_o	+
Ringway	334	00023	001	+	+
Squires Gate	318	00033	000	+	+
Ronaldsway	204	04051	000	rrr_or_o	r_or_o
Mull of Galloway	131	02052			
Eskdalemuir	162	00006	000	+	+
Prestwick	135	97031	000	$d_or_or_os_oir_o$	+
Abbotsinch	140	03025	000	$s_os_osr_os_or_os_o$	+
Leuchars	171	00043	002	+	+
Dyce	091	97045	000	+	pr_os_o
Lerwick	005	05052	000	$pr_oph_or_opr_os_o$	pr_os_oprsrr
Wick	075	92051	000	d_or_o	+
Sule Skerry	010	01061			
Cape Wrath	049	02052	000	r_or_o	d_od_orr
Stornoway	026	96071	000	r_or_o	r_or_o
Benbecula	022	94071	000	$ir_or_or_o$	ir_o
Tiree	100	97071	000	ir_opr_o	ir_o
Aldergrove	917	01062	000	fid_o	$d_od_od_or_orr_o$
Malin	980	9208	021		
Belmullet	976	9709	062		
Birr	965	0107	000		
Dublin	969	0308	000		
Shannon	962	9707	007		
Roches Point	952	0810	008		
Valentia	953	9709	061		

Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

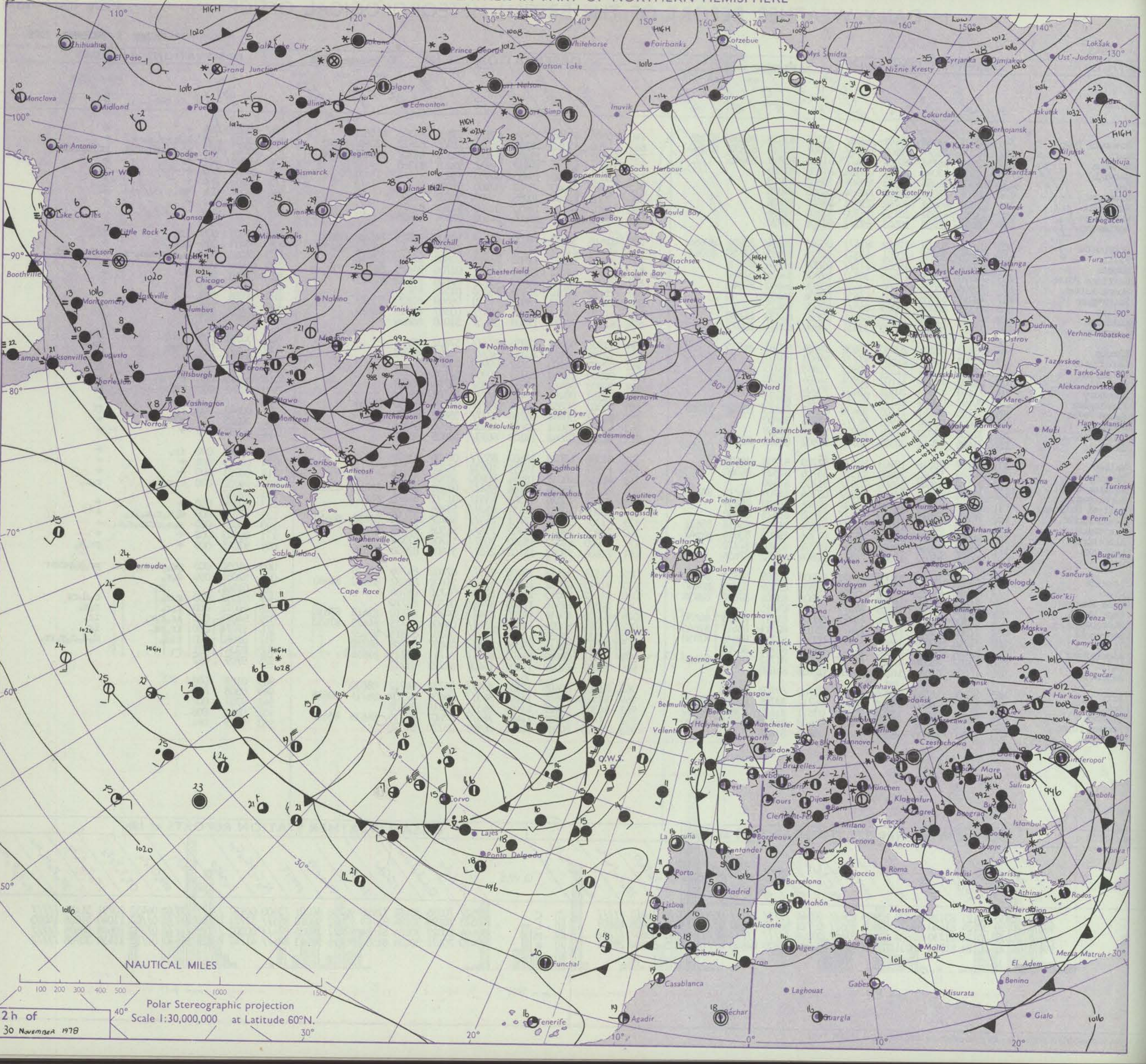
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	30121	83126	95808	63305	834//	00344	/////	/////	05503	10770	31013	/////
	99574	70199	30124	81440	98038	03809	855//	00721	86625	88640	0//05	11076	30908	18109
	99662	10021	30124	81730	97602	23806	874//	00108	/////	/////	0//03	10643	30607	/////
	99471	70171	30124	81528	98031	08213	4857/	00838	82820	84640	0//10	11425	30504	28906

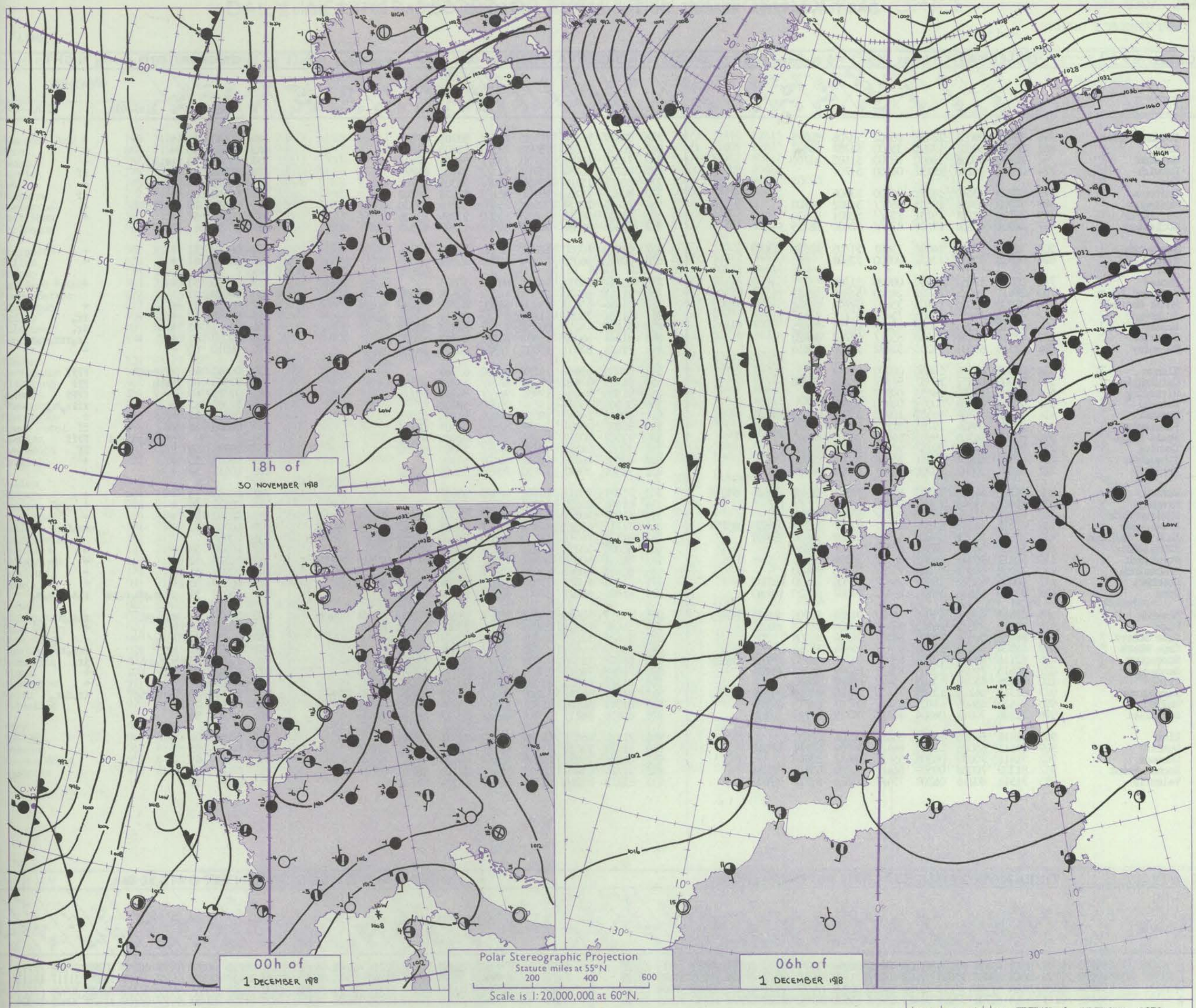
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	30181	72928	96258	80201	73400	00157	/////	/////	06452	10791	31424	/////
	99573	70199	30184	81749	97022	98010	855//	31721	88620	/////	0//07	11040	31016	14010
	99664	10022	30184	81524	97022	24805	874//	00202	/////	/////	0//02	10648	30606	/////
	99470	70171	30184	81534	96616	99113	884//	41747	83816	87630	0//12	11439	30708	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 1 DECEMBER 1978

During the past 24 hours an anticyclone has persisted over Scandinavia with a ridge of high pressure over the eastern North Sea to France and Spain, while a weak occlusion was slow-moving over west Scotland, west Wales and southwest England. A marked frontal trough moved towards the British Isles from the Atlantic with an increasing southerly airflow over most parts.

During the next 24 hours the frontal trough to the west of the British Isles is expected to move over Ireland and swing over Biscay with the southerly airflow over the British Isles increasing and backing towards the southeast. The ridge of high pressure over the eastern North Sea will decline gradually.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

Code FM 11.V — **OBSERVATIONS at 00h.** 1 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	20910	59051	18452	00902	53706	82075		
Hurn	862	30705	50101	17800	35600	51707	83647		
Manston	797	11310	56058	19600	16300	51102	81707		
Gatwick	776	00301	18110	19157	00900	57707			
Kew									
Heathrow	772	00203	23040	18552	00900	53806			
Honington	586	80000	03424	19655	860//	56802	88700		
Wattisham	590	70705	22101	19751	755//	52801	87624		
Gorleston	497	80908	60606	19604	874//	02400	88715		
Aberporth	502	31520	58051	14802	15601	51705	81630	83075	
Filton	628	00903	35051	17952	00900	53808			
Khoose	715	00707	57051	16900	00900	51708			
Hartland Point	703	21511	66021	14702	24500	51709	82625		
Mount Batten	827	31008	65021	15104	35600	01706	83632		
St.Mawgan	817	71215	75031	13306	754//	01712	87617		
Scilly	804	61318	81021	11408	655//	06713	86625		
Culdrose	809	81214	64031	13106	855//	02712	88620		
Guernsey	894	41513	65031	16203	32432	52807	83816		
Elmdon	534	00000	04484	19860	00900	61503			
Cardington	559	90000	00457	19757	9////	58804	89/00		
Wittering	462	03205	17100	19655	00900	56803			
Watnall	354	00403	03484	20055	00900	55701			
Shawbury	414	40703	11104	18555	10932	55806	81359	84072	
Finningley	360	93202	00494	19755	9////	56803	89///		
Spurn Point	396	60000	56505	19503	656//	00702	86649		
Leeming	257	90000	00494	20257	9////	58803	89/00		
Tynemouth	262	42309	30051	19651	35630	54805	83630		
Carlisle	222	81207	50042	18300	8093/	54804	88359		
Valley	302	81207	62022	15403	854//	50705	81618	83626	88638
Ringway	334	01407	45040	19051	00900	54705			
Squires Gate	318	71310	45041	18350	7093/	53705	87360		
Ronaldsway	204	81315	61042	15705	6542/	02607	82715	85623	88459
Mull of Galloway	131	81623	80022	14405	5561/	01709	85630	88462	
Eskdalemuir	162	80000	58022	18551	8093/	53707	88358		
Prestwick	135	81112	59042	16600	857//	50708	88656		
Abbotsinch	140	71009	56042	17402	757//	53705	87650		
Leuchars	171	60000	62022	18550	2567/	53706	82630	86359	
Dyce	091	81610	62618	18302	855//	01807	82620	88645	
Lerwick	005	81417	60806	19604	883//	01806	82708	84815	88625
Wick	075	81619	75022	16405	854//	53804	81615	88650	
Sule Skerry	010	81428	56656	14405	873//	04704	88706		
Cape Wrath	049	81804	60636	13604	874//	04604	88715		
Stornoway	026	82114	65616	13206	854//	04710	83710	85617	88625
Benbecula	022	81613	70026	12905	854//	04709	86715	88625	
Tiree	100	71326	65016	13205	754//	02809	87615		
Aldergrove	917	81311	56215	13305	7543/	04708	81616	87622	
Malin	980	81425	65606	11405	854//	04707	83712	87630	
Belmullet	976	71108	70011	06904	764//	03719	85717	87638	
Birr	965	51416	66016	10007	556//	04707	85632		
Dublin	969	81512	65026	12608	864//	04709	86715	88640	
Shannon	962	51411	70031	08308	556//	06612	85640		
Roches Point	952	81320	70028	09509	864//	05710	85717	88635	
Valentia	953	71515	80216	06209	754//	07826	83717	87637	

OBSERVATIONS at 06h. 1 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	70812	56101	18452	756//	53101	87632		
Hurn	862	20706	70021	17500	28500	52703	81825		
Manston	797	71310	60031	20750	754//	54204	87618		
Gatwick	776	90703	02454	19453	9////	54102	89///		
Kew	775	80805	15104	19451	860//	51303	88701		
Heathrow	772	80806	18101	19151	861//	51203	88702		
Honington	586	21405	20114	20554	25600	54205	82635		
Wattisham	590	51406	58051	20652	55500	53206	85626		
Gorleston	497	72404	66036	20702	725///	51207	87825		
Aberporth	502	01526	60050	12401	00900	53714			
Filton	628	00910	56050	17854	00900	55502			
Khoose	715	01114	64011	16202	00900	51603			
Hartland Point	703	41115	66020	12103	44500	52613	84625		
Mount Batten	827	61414	65021	13906	65500	02706	82620	86634	
St.Mawgan	817	81221	75022	11706	854//	01712	82614	88619	
Scilly	804	81423	65216	08708	873//	07718	88708		
Culdrose	809	81314	66022	11407	855//	04712	88620		
Guernsey	894	71416	63031	15802	763//	00801	84706	86709	
Elmdon	534	00000	03484	19161	00900	62705			
Cardington	559	81103	07464	19956	861//	56301	88702		
Wittering	462	91506	01494	19956	9////	56301	89///		
Watnall	354	00502	05424	19757	00900	58702			
Shawbury	414	20604	14040	18056	00901	57504	82075		
Finningley	360	90000	00494	19357	9////	58703	89///		
Spurn Point	396	92002	00477	19602	9////	02400	89/01		
Leeming	257	90000	01494	19957	9////	58000	89/00		
Tynemouth	262	02005	56020	19252	00900	53400			
Carlisle	222	71308	50042	17450	7093/	55605	87359		
Valley	302	01311	70011	14701	00900	53602			
Ringway	334	01108	65020	18452	00900	53703			
Squires Gate	318	41208	40041	18056	20932	57502	82360	84075	
Ronaldsway	204	71715	63012	14605	754//	00603	81713	83633	86648
Mull of Galloway	131	31722	74011	12405	35600	02810	83630		
Eskdalemuir	162	80000	58052	17551	8093/	53804	88358		
Prestwick	135	81512	60022	14902	1557/	51709	81620	88358	
Abbotsinch	140	80709	58042	16400	856//	52704	81635	88656	
Leuchars	171	51403	60012	17502	1567/	53704	81630	85360	
Dyce	091	81804	62027	17402	857//	50604	88656		
Lerwick	005	81217	62688	19202	883//	01603	84706	84814	88630
Wick	075	51617	75031	15805	15730	51605	81650	85360	
Sule Skerry	010	81625	62616	14305	863//	02601	88708		
Cape Wrath	049	82005	60636	13403	874//	02601	88715		
Stornoway	026	81818	75026	12206	855//	53708	83623	88635	
Benbecula	022	71620	76012	10805	755//	02711	83620	87640	
Tiree	100	81327	65022	11305	854//	03710	88615		
Aldergrove	917	81410	58216	12006	855//	04708	82621	88624	
Malin	980	81313	60106	10006	5547/	04804	81718	85624	88458
Belmullet	976	81416	66215	03707	864//	04717	86716	88636	
Birr	965	21320	66021	07706	25600	02716	82635		
Dublin	969	81518	70022	11407	855//	02705	83625	88632	
Shannon	962	81426	70032	05009	855//	04620	83625	86640	
Roches Point	952	81224	65606	05910	864//	07723	86712	88630	
Valentia	953	81423	65216	01311	864//	07724	88712		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00543	55	+	+
Hurn	862	00533	56	+	+
Manston	797	97513	53	pr₀s₀	+
Gatwick	776	00593	61	f	Ff
Kew	775	00573	64	iF	+
Heathrow	772	00543	60	+	if
Honington	586	00577	60	iffFFff	+
Wattisham	590	00547	57	+	+
Gorleston	497				
Aberporth	502	00011	51	+	+
Filton	628	00553	61	+	+
Khoose	715	00513	53	+	+
Hartland Point	703	94010	52		
Mount Batten	827	00031	51	+	+
St.Mawgan	817	97041	50	+	ir₀
Scilly	804	01071	05	ir	ir₀
Culdrose	809	02052	02	+	ir₀rrr₀r₀
Guernsey	894	00010	00	+	+
Elmdon	534	00613	63	FFff-fF	FFff
Cardington	559	97583	60	FFsh	Fff
Wittering	462	97573	60	+	fFFf
Watnall	354	97583	62	Fff	ffFs₀h₀
Shawbury	414	00575	62	ff	+
Finningley	360	00583	58	ff	ff
Spurn Point	396			pr₀id₀pr₀s₀F	FFff
Leeming	257	00593	59	FF	FF
Tynemouth	262	00535	55	+	+
Carlisle	222	00513	54	+	+
Valley	302	00003	53	+	+
Ringway	334	00523	59	+	+
Squires Gate	318	00563	59	+	+
Ronaldsway	204	00041	01	+	+
Mull of Galloway	131	00051			
Eskdalemuir	162	00526	53	+	+
Prestwick	135	00503	51	+	+
Abbotsinch	140	00005	51	+	+
Leuchars	171	00523	56	+	+
Dyce	091	06015	51	pr₀s₀ph₀r₀rs	r₀s₀r₀s₀s₀
Lerwick	005	02022	01	r₀r₀pr₀	r₀s₀ph₀r₀pr₀
Wick	075	00051	01	+	+
Sule Skerry	010	06021	02		
Cape Wrath	049	08022	01	rr	rrr₀r₀
Stornoway	026	92051	03	r₀r₀ir₀	ir₀
Benbecula	022	97041	02	ir₀	+
Tiree	100	00051	04	+	+
Aldergrove	917	93051	03	r₀-r₀r₀	ir₀d₀r₀
Malin	980	9305	03		
Belmullet	976	0102	51		
Birr	965	9206	04		
Dublin	969	9406	05		
Shannon	962	9706	05		
Roches Point	952	0109	08		
Valentia	953	0104	51		

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01001	42824	97028	91401	43400	00247	/////	/////	06355	10783	3//13	///20
L	99572	70198	01004	81447	97616	92609	872//	31720	88705	/////	0//09	11050	31015	18113
M	99664	10023	01004	61520	97152	25704	69400	00205	/////	/////	0//01	10648	30404	/////
R	99468	70173	01004	82731	97016	94413	854//	61500	84710	88620	0//09	11450	30504	16910

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01061	82715	93868	96302	834//	00116	/////	/////	06150	10785	3//09	///15
L	99570	70198	01064	81245	97616	88909	872//	31718	88705	/////	0//09	11077	31117	18113
M	99665	10023	01064	21318	97021	26302	22400	00204	/////	/////	0//53	10628	30404	/////
R	99470	70169	01064	12425	97021	96512	15500	61305	81620	/////	0//09	11425	30605	16004

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42744

Date of Issue SATURDAY 2 DECEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 1 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	71211	40202	18401	784//	01001	83812	84622	86645
Hurn	862	71509	65031	17905	784//	51400	83718	86820	
Manston	797	71411	75022	22000	755//	55000	87620		
Gatwick	776	51510	59044	20103	58500	51001	81826	84645	
Kew	775	21207	58051	20002	28500	53801	81822		
Heathrow	772	31211	59034	19603	35500	54801	83625		
Honington	586	11211	58051	20801	15600	54804	81630		
Wattisham	590	71312	61022	21500	756//	53801	87630		
Gorleston	497	81615	66022	21904	855//	51400	88625		
Aberporth	502	81632	75031	10404	60977	52814	83362	85365	88270
Filton	628	51012	40051	17601	35202	51000	81705	83625	85075
Rhoose	715	71119	62031	15604	754/1	00803	81710	87635	
Hartland Point	703	71423	66216	10505	6567/	51802	86640		
Mount Batten	827	81415	65802	13906	884//	03000	86816	84645	88657
St.Mawgan	817	81326	56616	10705	854//	03805	83712	86616	88656
Scilly	804	81526	56606	06909	873//	08810	88706		
Culdrose	809	81318	30606	10706	872//	05806	83703	85706	88709
Guernsey	894	71519	62022	15902	5637/	51802	82707	84710	87462
Elmdon	534	71311	50104	18851	753//	51805	82708	87614	
Cardington	559	41310	60054	20401	45600	53803	84635		
Wittering	462	11307	56054	20851	15600	53801	81630		
Watnall	354	11407	30057	20200	15600	53801	81640		
Shawbury	414	81309	35041	17951	863//	52001	83706	88707	
Finningley	360	61403	13284	20353	66100	53802	86702		
Spurn Point	396	11709	50054	21101	16400	52001	81710		
Leeming	257	91606	06494	20755	9////	55102	89/00		
Tynemouth	262	02010	30050	19500	00900	55400			
Carlisle	222	11005	75011	17802	10932	53804	81360		
Valley	302	71317	80031	13704	11572	51709	81825	87075	
Ringway	334	11609	59040	18800	11502	54302	81820		
Squires Gate	318	21415	57040	17101	00901	52808	82075		
Ronaldsway	204	51423	70031	14205	22506	50809	82822	84075	
Mull of Galloway	131	71827	70031	12705	725//	00802	87825		
Eskdalemuir	162	11508	75011	17401	10930	52803	81360		
Prestwick	135	71612	65022	15402	7557/	51002	82620	87657	
Abbotsinch	140	71209	62042	16203	756//	53801	81640	87656	
Leuchars	171	71705	68021	17903	7093/	54102	87359		
Dyce	091	71711	75027	17604	5843/	51701	82815	85656	87360
Lerwick	005	61420	80808	19804	634//	01103	82912	84814	
Wick	075	71620	82022	16205	12472	53000	81818	86072	
Sule Skerry	010	71522	81026	14806	12578	01302	81820	84358	87270
Cape Wrath	049	71405	80016	13404	755//	02704	87620		
Stornoway	026	71615	80022	12106	5567/	52805	81630	85656	87360
Benbecula	022	71524	68022	10606	754//	03802	84618	86635	
Tiree	100	41229	60216	10706	45400	03806	81615	83618	
Aldergrove	917	71311	65036	11605	48536	01805	84820	86070	
Malin	980	61434	68012	07506	18502	01818	81822	85070	
Belmullet	976	81222	64216	00907	7647/	04721	85717	85637	87459
Birr	965	81323	61216	05007	7737/	05821	82707	84712	86630
Dublin	969	81424	70606	09507	7547/	02713	82717	84621	87632
Shannon	962	81424	62605	01409	874//	07819	86710	88713	
Roches Point	952	81322	40606	02810	873//	09722	86707	88711	
Valentia	953	81526	60608	97910	864//	07724	88715		

OBSERVATIONS at 18h. 1 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	71318	61012	15901	754//	52810	82615	87618	
Hurn	862	71214	60018	15704	685/1	51809	83823	85629	86070
Manston	797	51518	59031	20351	554/1	56707	85617		
Gatwick	776	51108	62015	18750	55500	53809	85624		
Kew	775	51107	68021	18450	15601	55807	81640	85075	
Heathrow	772	61109	62011	17950	00908	55709	86272		
Honington	586	71308	56031	20051	755//	54807	87625		
Wattisham	590	71312	60022	20151	755//	55807	87623		
Gorleston	497	81516	66022	20903	855//	51705	88625		
Aberporth	502	81534	64212	06503	8097/	53525	84359	88465	
Filton	628	81224	59052	14202	855//	52812	84620	88657	
Rhoose	715	81119	62606	12204	854//	00715	84614	88645	
Hartland Point	703	81330	64808	06405	885//	01714	85825	88640	
Mount Batten	827	81220	60608	09207	854//	04723	82714	86620	88630
St.Mawgan	817	81323	58216	06806	7547/	03818	83710	86614	88459
Scilly	804	81629	56616	02709	874//	08715	88710		
Culdrose	809	81419	25606	06606	873//	04719	82707	88710	
Guernsey	894	71423	62022	12404	3543/	52716	81714	83645	87360
Elmdon	534	71311	56042	16550	757//	53811	87656		
Cardington	559	51210	58051	18852	15602	54804	81630	85072	
Wittering	462	61210	60021	19253	15502	55703	81625	86075	
Watnall	354	81311	48051	18052	856//	54807	88640		
Shawbury	414	61312	36042	14701	3543/	51711	81712	83614	86360
Finningley	360	71409	60031	18452	755//	54804	87626		
Spurn Point	396	21619	56011	19401	20970	55610	82460		
Leeming	257	71407	15284	18453	755//	54808	87624		
Tynemouth	262	41825	61020	18501	45500	52804	84625		
Carlisle	222	71309	50041	15100	20932	55811	82365	87072	
Valley	302	81213	65602	09004	856//	51819	88636		
Ringway	334	81313	56047	15801	15577	52713	81620	85362	88268
Squires Gate	318	61316	57041	13801	15432	52816	81615	86072	
Ronaldsway	204	81226	50042	10104	663/7	02822	83708	86712	88270
Mull of Galloway	131	81840	60032	09004	4841/	03819	82715	88458	
Eskdalemuir	162	71207	62021	15252	20932	56812	82359	87073	
Prestwick	135	61316	62022	11701	25738	53723	82650	85075	
Abbotsinch	140	60808	60042	13201	15702	53816	81650	86075	
Leuchars	171	61509	80021	16202	10934	55705	81360	86075	
Dyce	091	31611	80031	16302	38400	53505	81818		
Lerwick	005	41417	68018	18404	49400	00705	81910	83814	
Wick	075	21620	81031	14504	28430	52708	81818		
Sule Skerry	010	21425	81011	12705	20970	03710	82358		
Cape Wrath	049	41705	81011	11202	45500	51715	84620		
Stornoway	026	71613	78012	10205	25732	52810	82650	83360	85070
Benbecula	022	81423	65032	08404	855//	00713	85621	88635	
Tiree	100	61331	60041	08005	655//	01615	86620		
Aldergrove	917	81316	62602	07504	854//	01719	83710	85615	88620
Malin	980	81233	62616	04904	5642/	02716	85718	88458	
Belmullet	976	81120	57616	96107	6642/	06714	84710	85716	88458
Birr	965	81426	58605	98907	7632/	06729	87707	88457	
Dublin	969	81425	62606	04706	864//	03724	84714	88718	
Shannon	962	81227	60616	95210	863//	08729	82708	86713	88719
Roches Point	952	81514	50616	97010	873//	09520	83706	88710	
Valentia	953	71705	62026	95209	11502	08002	81820	87070	

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97031	002	sh	+
Hurn	862	97051	005	pr₀	+
Manston	797	00013	017	+	+
Gatwick	776	97033	027	+	sh
Kew	775	00030	047	+	+
Heathrow	772	00043	036	+	+
Honington	586	00017	014	+	+
Wattisham	590	00007	001	+	+
Gorleston	497		000		
Aberporth	502	97041	000	+	ir₀
Filton	628	00031	007	+	+
Rhoose	715	97051	013	r₀	ir₀
Hartland Point	703	97051			
Mount Batten	827	02071	000	pr₀rr₀	r₀r
St.Mawgan	817	03071	000	rr₀r₀	rr
Scilly	804	13102	000	ir₀	rr
Culdrose	809	15072	000	ir₀r₀r₀	rrr₀r₀ir₀iR
Guernsey	894	00040	000	+	+
Elmdon	534	00003	011	f	+
Cardington	559	00023	060	+	+
Wittering	462	97003	056	fifx	+
Watnall	354	97023	022	shff	+
Shawbury	414	00015	000	+	+
Finningley	360	00503	001	ff	+
Spurn Point	396			Ff	+
Leeming	257	00533	000	FF	ff
Tynemouth	262	00015	056	+	+
Carlisle	222	00033	059	+	+
Valley	302	94051	036	+	ir₀
Ringway	334	97023	050	+	s₀h
Squires Gate	318	00023	047	+	+
Ronaldsway	204	00061	035	+	+
Mull of Galloway	131	00051			
Eskdalemuir	162	00016	055	+	+
Prestwick	135	00033	002	+	+
Abbotsinch	140	00035	007	+	+
Leuchars	171	00043	013	+	+
Dyce	091	00045	000	+	+
Lerwick	005	02041	018	pr₀ph₀	ph₀r₀phrpr₀
Wick	075	00061	002	+	+
Sule Skerry	010	00061			
Cape Wrath	049	97051	000	r₀r₀	+
Stornoway	026	00061	000	+	+
Benbecula	022	00061	000	+	+
Tiree	100	97071	000	ir₀	+
Aldergrove	917	92061	015	+	r₀r₀d₀¬d₀r₀
Malin	980	0107	007		
Belmullet	976	0108	000		
Birr	965	0108	000		
Dublin	969	9507	000		
Shannon	962	0310	000		
Roches Point	952	1211	000		
Valentia	953	1012	002		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

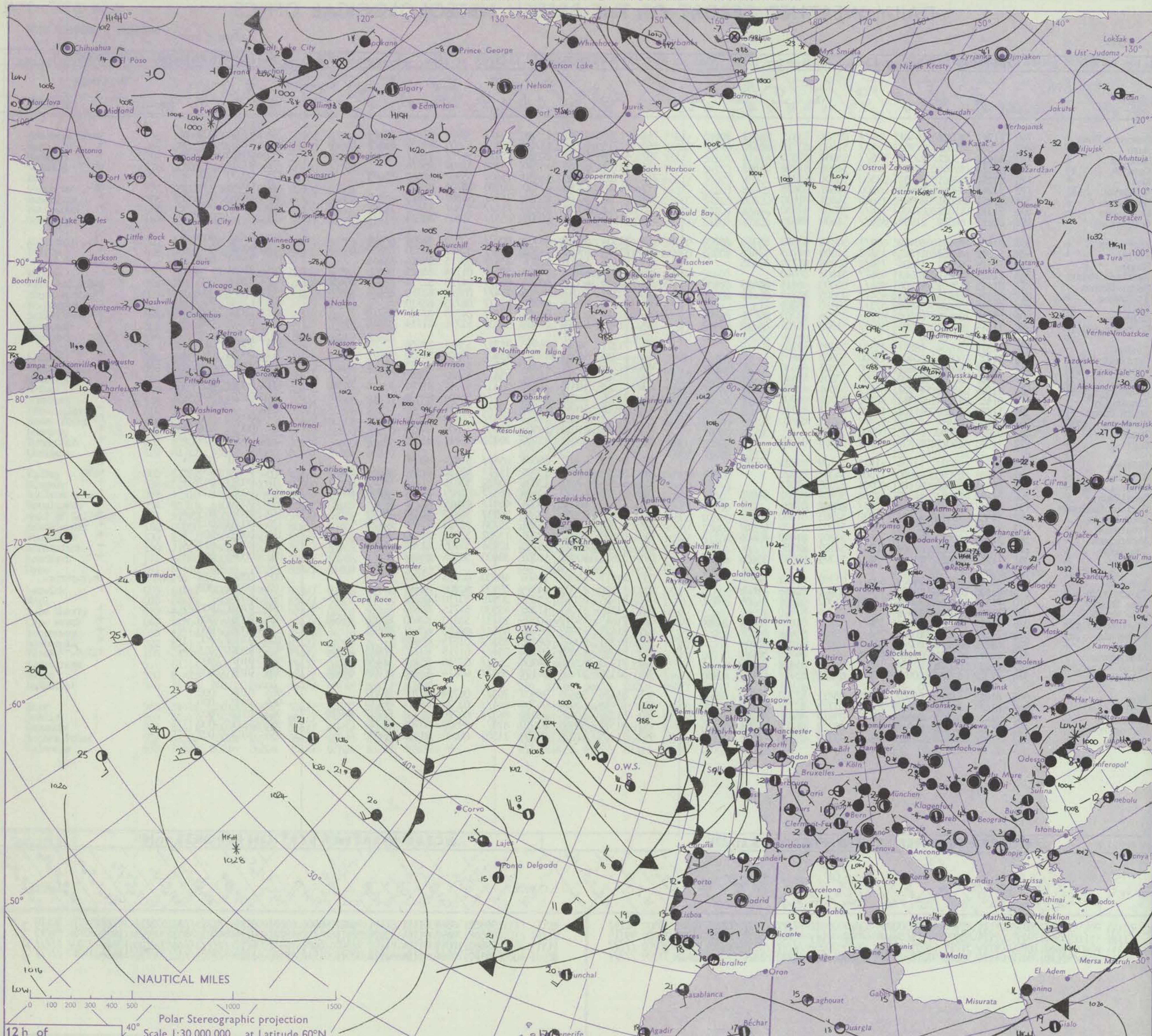
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	01121	82308	95878	00204	834//	00212	/////	/////	05852	10821	30302	31212
	99568	70197	01124	80000	97616	88608	6722/	00115	82705	85710	0//07	11095	30000	99/15
	99662	10020	01124	51314	97031	25702	25420	00003	/////	/////	0//55	10630	30202	/////
	99470	70172	01124	52628	97258	99310	59500	61013	83920	83826	0//05	11416	31009	/////

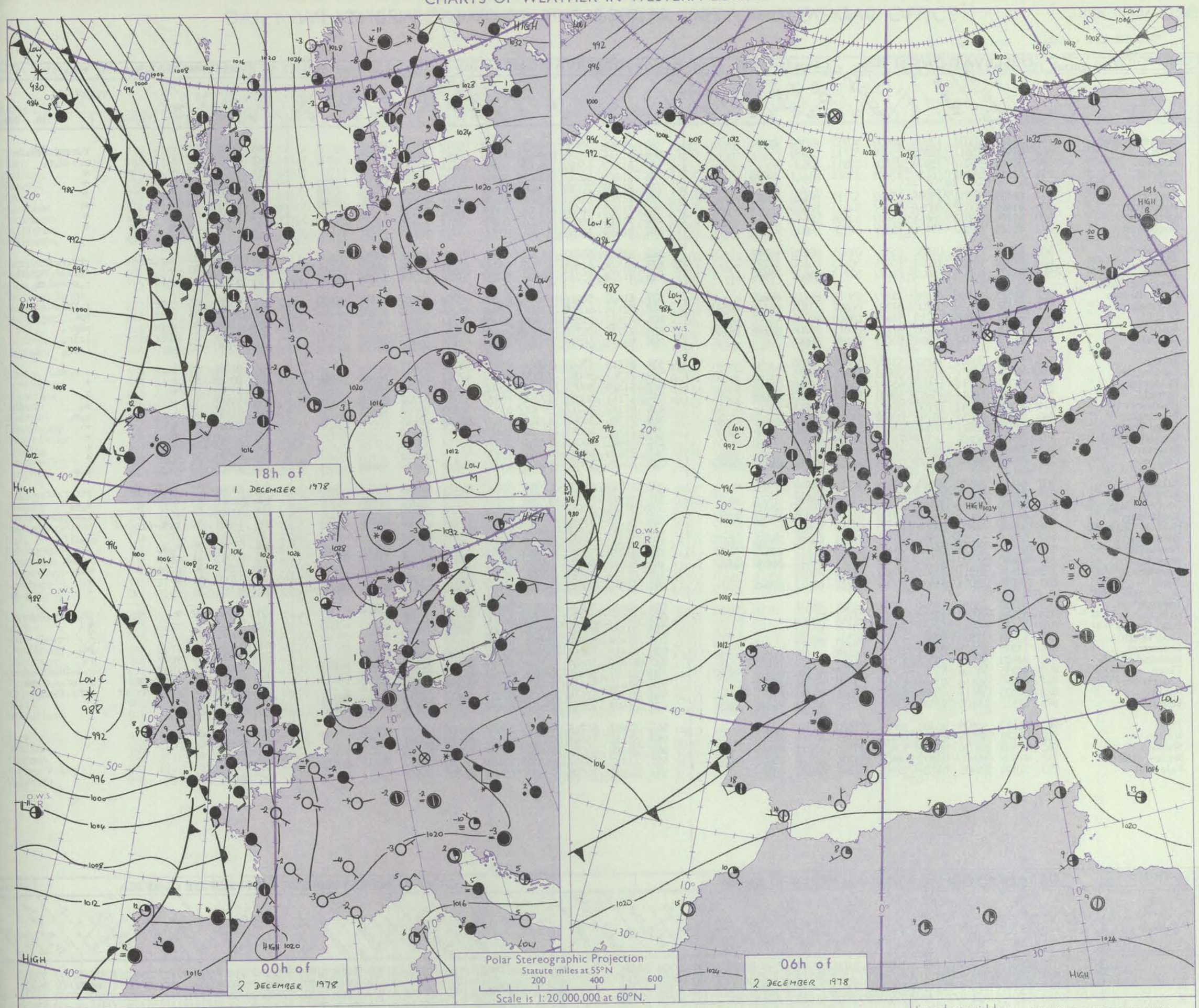
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	01181	81401	98022	95904	6855/	00715	/////	/////	05751	10783	3////	30110
	99568	70197	01184	83124	97616	84207	4722/	00716	84705	88535	0//07	11099	30704	99/13
	99662	10019	01184	81707	97702	25401	5542/	00702	/////	/////	0//56	10632	30202	/////
	99470	70168	01184	42829	97018	01910	49500	61220	82923	/////	0//05	11414	31010	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday SATURDAY 2 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours, a ridge of high pressure over eastern districts and the North Sea declined slowly and moved east, as troughs of low pressure, associated with a filling low near South Greenland, moved slowly northeast into Northern Ireland, Wales and southwestern areas of England.

During the next 24 hours, the troughs over western districts will continue to move slowly east into the North Sea, as a deep low in Mid Atlantic moves northeast towards Ireland, bringing further troughs of low pressure into western areas.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V

OBSERVATIONS at 00h. 2 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	61420	70031	13003	20932	50712	82360	86072	
Hurn	862	21414	75011	12805	25700	51711	82650		
Manston	797	31521	57051	18800	25501	53811	82620		
Gatwick	776	41411	59041	16401	15401	52614	81617	84075	
Kew									
Heathrow	772	61109	57052	15501	45502	52717	84620	85072	
Honington	586	61411	50032	18051	654//	54811	86615		
Wattisham	590	81414	60022	18451	854//	53808	88614		
Gorleston	497	81524	66022	19404	855//	50708	88625		
Aberporth	502	81540	60616	01902	855//	01821	82620	88644	
Filton	628	71320	63032	11203	657/6	50713	86650	87275	
Rhoose	715	81221	67026	09605	856//	52713	86632	88640	
Hartland Point									
Mount Batten	827	81525	45636	06806	854//	05818	85713	88622	
St.Mawgan	817	81427	40656	03706	6722/	06607	83704	86706	88511
Scilly	804	81907	56626	01210	874//	09506	88710		
Culdrose	809	81622	30636	03206	872//	06613	83704	86706	88708
Guernsey	894	81522	60022	10504	856//	54808	88640		
Elmdon	534	51309	58041	14252	557//	55616	85650		
Cardington	559	31414	57051	16351	00901	53615	83075		
Wittering	462	61312	57011	16852	654//	54714	86618		
Watnall	354	41210	60011	15653	10931	55718	81360	83075	
Shawbury	414	81108	40042	12200	854//	51714	88614		
Finningley	360	21110	61011	16152	00902	54713	82075		
Spurn Point	396	81718	62021	17500	856//	53606	88633		
Leeming	257	71411	50102	16353	755//	53808	87624		
Tynemouth	262	71725	69021	15750	7093/	53604	87359		
Carlisle	222	81317	56042	12600	5577/	53711	85650	85359	88463
Valley	302	81424	59606	05404	856//	02715	88645		
Ringway	334	81415	60022	13400	858//	53712	88657		
Squires Gate	318	81420	62702	11501	4567/	53809	84638	88359	
Ronaldsway	204	81230	50637	06904	872//	03815	81705	87707	88711
Mull of Galloway	131	81840	60602	04304	855//	03718	88625		
Eskdalemuir	162	81208	65052	12952	35527	55811	83620	85462	88270
Prestwick	135	81116	58222	09200	7547/	53808	81618	83624	87630
Abbotsinch	140	80812	56702	11050	6542/	55811	81618	86630	88462
Leuchars	171	21414	82011	13801	00902	53711	82075		
Dyce	091	71518	62051	14404	755//	50712	83625	87645	
Lerwick	005	31316	75018	17304	38400	01811	82816		
Wick	075	21623	81010	13305	28500	52712	82820		
Sule Skerry	010	31425	81010	11605	30970	03706	83358		
Cape Wrath	049	42708	82020	09801	45500	00704	84620		
Stornoway	026	11313	80021	07103	10930	53719	81360		
Benbecula	022	81423	60032	04505	855//	51826	83625	88656	
Tiree	100	81235	56686	04003	7542/	01722	84710	87616	88550
Aldergrove	917	81415	50616	03404	863//	03719	83708	88710	
Malin	980	81333	58617	00404	6732/	03618	83708		
Belmullet	976	81512	65106	93908	4542/	07503	81718	84640	88458
Birr	965	81613	58606	96308	863//	07720	84708	88712	
Dublin	969	81428	58616	01006	864//	04712	83712	88716	
Shannon	962	81508	80036	95309	854//	08707	82715	88640	
Roches Point	952	81806	58616	96809	6642/	08701	85710	85628	88546
Valentia	953	51508	65808	95108	22502	07702	82820	83070	

OBSERVATIONS at 06h. 2 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81416	58696	10401	3732/	01812	83708	88550	
Hurn	862	81314	58636	09903	873//	03717	85707	88710	
Manston	797	81519	65031	16601	16407	53614	81712	88270	
Gatwick	776	81413	62021	13902	5557/	52710	85620	88465	
Kew	775	81309	70022	13403	1557/	52718	81625	83358	88460
Heathrow	772	81212	61021	12802	4547/	50814	82619	83656	88360
Honington	586	71313	50051	15701	00906	53611	87272		
Wattisham	590	71416	56052	16101	00906	51612	87275		
Gorleston	497	81528	60022	17004	855//	01712	88625		
Aberporth	502	81533	58617	01102	873//	01202	83708	88712	
Filton	628	81524	62686	07802	853//	01719	84708	88628	
Rhoose	715	81318	65217	07402	872//	01608	82704	86705	88707
Hartland Point									
Mount Batten	827	61620	58016	04808	65300	07708	82708	84615	86630
St.Mawgan	817	72114	60806	03607	785//	06206	84820	87635	
Scilly	804	32418	81258	02909	32400	06211	83818		
Culdrose	809	22213	58216	03509	25500	06108	82620		
Guernsey	894	81618	50217	09004	862//	03103	82703	87704	
Elmdon	534	81315	57042	10301	854//	52718	88612		
Cardington	559	81313	56051	13300	1557/	52817	81620	86358	88466
Wittering	462	61316	50051	13751	35701	53617	83650	85075	
Watnall	354	81111	30051	12351	853//	53717	84707	88650	
Shawbury	414	81212	15717	07901	853//	50722	83707	88615	
Finningley	360	71316	56041	12451	756//	52620	87645		
Spurn Point	396	21530	60011	14704	25600	01717	82630		
Leeming	257	81411	40042	12551	863//	53719	88708		
Tynemouth	262	71820	69022	12301	7097/	52718	87358		
Carlisle	222	81416	57047	08602	4577/	50719	84656	88460	
Valley	302	81528	57636	01904	854//	03715	82616	88622	
Ringway	334	81521	60702	09103	856//	52722	82640	88656	
Squires Gate	318	81421	57687	06701	855//	50726	85620	88638	
Ronaldsway	204	81328	45637	02804	873//	03717	82707	86709	88711
Mull of Galloway	131	81845	60606	00104	856//	04719	88645		
Eskdalemuir	162	81208	56707	08650	855//	56721	88622		
Prestwick	135	81324	65022	03701	7552/	00831	81620	87650	88459
Abbotsinch	140	80611	60227	06650	853//	52723	82706	88636	
Leuchars	171	81214	80021	10301	855//	52718	81625	88640	
Dyce	091	81418	60052	10804	854//	51719	81715	83620	88630
Lerwick	005	61420	70278	14305	5943/	01818	82912	83814	
Wick	075	41525	75151	09505	48500	01718	83820		
Sule Skerry	010	11437	68021	06505	11500	04626	81820		
Cape Wrath	049	41424	81020	03902	45500	01717	84620		
Stornoway	026	81412	70601	02904	4552/	51720	84620	88460	
Benbecula	022	81423	56687	00803	853//	03721	82708	85613	88618
Tiree	100	81237	58687	00203	853//	02722	82708	86711	88618
Aldergrove	917	81418	58616	99205	873//	04720	83709	88712	
Malin	980	81327	62616	97006	6742/	04614	84714	86718	88556
Belmullet	976	61609	70258	93607	634//	06803	83716	84920	85640
Birr	965	71607	64216	96707	764//	06303	85715	86630	
Dublin	969	81716	65616	98007	863//	06610	86707	88712	
Shannon	962	21606	80026	95907	25600	05309	82645		
Roches Point	952	71813	75258	96609	734/1	06503	86917	85632	86075
Valentia	953	61807	70028	95507	69500	05205	86920		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	04011	51	+	$r_orrsdrdrd_or_o$
Hurn	862	07031	02	+	$r_orrd_or_o$
Manston	797	00510	52	+	+
Gatwick	776	00003	53	+	+
Kew	775	00500	54	+	+
Heathrow	772	00510	53	+	+
Honington	586	00527	54	+	+
Wattisham	590	00517	54	+	+
Gorleston	497				
Aberporth	502	10011	00	r_or_orrsrs	rrr_or_o
Filton	628	03011	50	+	$r_orr_os_orsr_os_o$
Rhoose	715	93021	02	r_or_o	$r_os_orsd_od_o$
Hartland Point	703				
Mount Batten	827	25051	05	rrRrr	r_oRpr_o
St.Mawgan	817	28041	03	rrRR	Rpr_o
Scilly	804	12082	06	$rrir_o$	$pRpr_o$
Culdrose	809	23062	05	RRrrir	$irir_o$
Guernsey	894	05021	00	hrr	$rrir_o$
Elmdon	534	01526	54	+	$s_os_os_os_o$
Cardington	559	00533	55	+	+
Wittering	462	97533	55	+	s_o
Watnall	354	93535	55	+	s_o
Shawbury	414	01516	51	+	s_os_o
Finningley	360	00533	55	+	+
Spurn Point	396			+	+
Leeming	257	00533	54	+	+
Tynemouth	262	00525	52	+	+
Carlisle	222	93505	53	s_os_o	s_os_o
Valley	302	06041	02	$ir_or_or_orr$	$rrr_or_oir_o$
Ringway	334	93506	53	+	s_os_o
Squires Gate	318	03506	51	s_o	$r_os_or_os_os_os_o$
Ronaldsway	204	14031	02	rrs-rs	rsrrR
Mull of Galloway	131	01041			
Eskdalemuir	162	01526	56	s_os_o	s_os_o
Prestwick	135	97515	51	sh	is_osh
Abbotsinch	140	05527	52	is_oss	sss_o
Leuchars	171	97003	51	+	s_o
Dyce	091	00031	51	+	+
Lerwick	005	01031	00	+	$ph_or_opr_o$
Wick	075	00031	50	+	+
Sule Skerry	010	00031	03		
Cape Wrath	049	97014	51	+	pr_o
Stornoway	026	97031	00	+	r_o
Benbecula	022	03031	01	r_os_o	$r_os_oid_oir_o$
Tiree	100	04011	01	$ir_oshrsrs$	$rsrsr_os_or_os_o$
Aldergrove	917	16032	02	$d_or_orRrr_orr$	$rrRr_orr_or_or$
Malin	980	1504	03		
Belmullet	976	0407	05		
Birr	965	0705	03		
Dublin	969	0405	04		
Shannon	962	0205	03		
Roches Point	952	0707	05		
Valentia	953	0306	01		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	02001	81005	98022	94203	885//	00716	/////	/////	05700	10747	3//01	30/08
	99568	70191	02004	72221	98808	87907	58461	31227	84813	/////	0//05	11053	30805	14210
	99663	10018	02004	41810	97012	24801	45400	00602	/////	/////	0//56	10629	30202	/////
	99470	70172	02004	52621	97258	04610	53500	61002	81923	83826	0//06	11425	31009	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	02061	81503	98028	91905	855//	00714	/////	/////	05402	10743	3////	30/07
	99566	70178	02064	32419	99018	90507	35600	21208	83635	/////	0//02	11069	30907	99/07
	99663	10017	02064	51420	97028	24104	52400	00705	/////	/////	0//52	10633	30303	/////
	99470	70172	02064	61724	98038	99012	68500	00742	81826	86640	0//09	11414	30402	27009

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42745

Date of Issue SUNDAY 3 DECEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 2 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81412	17537	09905	870//	05702	86701	88702	
Hurn	862	81610	58586	09708	853//	07803	85706	87708	88615
Manston	797	51520	56052	14202	35538	52717	81620	83645	
Gatwick	776	81612	58046	12303	864//	00705	88711		
Kew	775	81308	62022	12104	854//	50704	88614		
Heathrow	772	81207	59022	11704	863//	01704	82709	88712	
Honington	586	71318	58052	13302	4547/	52814	81615	84640	87360
Wattisham	590	71420	58032	14102	2545/	51812	82615	87362	
Gorleston	497	81530	58022	14605	855//	02714	88625		
Aberporth	502	71720	66808	02508	794//	07002	81712	86915	
Filton	628	71615	40207	08006	753//	05803	82706	83712	86625
Rhoose	715	21312	50056	06908	28200	07205	81703		
Hartland Point									
Mount Batten	827	42321	75258	07011	49401	08214	81918	84824	
St.Mawgan	817	32113	75038	06010	32460	07113	83818		
Scilly	804	42413	72258	06211	48500	09118	82820	84624	
Culdrose	809	62518	75151	06511	59401	07113	84916		
Guernsey	894	71811	50102	10308	662/2	07110	82704	85705	
Elmdon	534	81414	50607	09602	874//	51707	88710		
Cardington	559	81512	56052	11803	854//	51805	82712	85620	88650
Wittering	462	81313	56027	12501	854//	52804	88615		
Watnall	354	81312	40717	10900	854//	51808	85710	88615	
Shawbury	414	81408	50507	08002	873//	01801	84706	88708	
Finningley	360	81317	35717	11450	853//	50810	83707	85624	88640
Spurn Point	396	81430	56021	12604	5652/	01707	85720	88450	
Leeming	257	81417	15717	10800	862//	51612	88705		
Tynemouth	262	81823	61028	10103	2552/	51809	82620	88458	
Carlisle	222	71616	58717	06201	35478	51717	81712	83650	86462
Valley	302	61526	80256	01807	49403	05004	81815	83920	85068
Ringway	334	71515	58017	08302	754//	00607	87711	87650	
Squires Gate	318	81518	60017	06702	854//	02601	86712	88620	
Ronaldsway	204	71421	59636	02207	753//	05101	82709	84715	87620
Mull of Galloway	131	81728	70606	99806	4542/	05308	81710	83620	88458
Eskdalemuir	162	81406	20737	07050	873//	51712	88708		
Prestwick	135	81326	65607	02502	6547/	51712	81615	83632	85650
Abbotsinch	140	90908	18722	04801	9////	51705	89///		
Leuchars	171	71518	65027	08402	754//	52804	81710	85625	87650
Dyce	091	71524	62212	08806	5857/	01809	81822	85630	87462
Lerwick	005	81425	57808	13006	884//	02707	83812	84630	88640
Wick	075	81625	68051	08406	4847/	00504	84818	85360	88464
Sule Skerry	010	81436	64021	05107	8097/	04000	88458		
Cape Wrath	049	81116	74028	03304	885//	02708	82820	88625	
Stornoway	026	81314	75616	01505	6547/	01807	82618	86630	88461
Benbecula	022	81425	64617	99404	854//	02805	85712	85618	88630
Tiree	100	81235	65237	98903	7541/	02709	83712	86618	88458
Aldergrove	917	71712	70256	98708	69363	07109	81709	83917	85821
Malin	980	81613	65606	96706	6542/	06502	82713	85630	88556
Belmullet	976	71708	80808	95108	794//	07210	81716	86920	
Birr	965	52007	81031	98108	456/2	06210	84632		
Dublin	969	61706	80806	98509	635//	06001	84820	81920	85630
Shannon	962	22312	82258	98509	29500	07217	82920		
Roches Point	952	12415	70028	00710	18402	06125	81817		
Valentia	953	42207	80258	99709	33502	06119	83920		

OBSERVATIONS at 18h. 2 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71711	74288	10006	28461	05105	81818	85358	
Hurn	862	81702	30818	10307	834//	07207	85912	88625	
Manston	797	81614	45052	14603	863//	01210	88708		
Gatwick	776	71005	30105	12105	762//	04202	83705	86709	
Kew	775	71405	40055	11805	753//	04303	85707	87616	
Heathrow	772	81305	35105	11305	853//	05302	87706	88618	
Honington	586	81211	45052	12802	853//	50802	83707	88614	
Wattisham	590	81311	30042	13302	863//	50701	88706		
Gorleston	497	81820	60022	14205	855//	03209	88625		
Aberporth	502	41811	70038	05706	12402	04215	81818	84070	
Filton	628	21506	40058	08806	18401	05208	81818		
Rhoose	715	51707	83031	08007	48501	04110	81825	84650	
Hartland Point									
Mount Batten	827	52013	75011	07611	22501	08203	82822	84075	
St.Mawgan	817	21709	70018	06708	12502	05400	81820		
Scilly	804	11813	75020	05511	10961	09707	81360		
Culdrose	809	12011	75028	06909	18400	06001	81818		
Guernsey	894	71614	40102	10409	760//	08202	83701	86703	
Elmdon	534	81610	20106	09704	860//	03205	88701		
Cardington	559	81604	30102	11403	863//	03304	88706		
Wittering	462	81407	30052	11802	862//	01306	88703		
Watnall	354	81406	25107	10802	862//	01306	88705		
Shawbury	414	81405	28105	08004	862//	03110	88704		
Finningley	360	81312	56107	10301	863//	00003	88709		
Spurn Point	396	81622	57026	12004	864//	03004	88710		
Leeming	257	81416	38107	09601	862//	00606	88705		
Tynemouth	262	81824	48058	08402	854//	50709	88611		
Carlisle	222	71413	60237	05103	754//	02503	82710	84618	87630
Valley	302	42222	80028	04109	48400	07323	82819		
Ringway	334	61611	35042	08304	66200	03206	81704	86706	
Squires Gate	318	81518	40606	06304	853//	04204	86709	88620	
Ronaldsway	204	52118	72256	02409	58400	06312	81713	85820	
Mull of Galloway	131	42228	80216	00008	11502	07308	81820	84072	
Eskdalemuir	162	81403	40717	05401	873//	51603	86707	88715	
Prestwick	135	71421	62606	01903	7547/	01503	82714	83620	86645
Abbotsinch	140	80911	57797	03603	874//	00000	88712		
Leuchars	171	81408	62027	06503	853//	00502	83708	84713	88650
Dyce	091	81516	45217	07304	854//	03606	82710	87714	88625
Lerwick	005	71426	65016	11606	5537/	04603	82708	85630	86460
Wick	075	81620	68052	06506	6547/	02502	81715	83620	85630
Sule Skerry	010	81440	62022	02706	3947/	06801	83910	88458	
Cape Wrath	049	81720	80022	01003	4852/	02620	81820	84625	88460
Stornoway	026	81314	70606	00305	854//	02000	83614	85624	88636
Benbecula	022	81626	60616	97505	854//	05607	84711	85715	88625
Tiree	100	81329	62616	98306	7542/	05313	84711	86614	88535
Aldergrove	917	61908	65028	00307	684//	05217	83815	86625	
Malin	980	61717	75026	98507	554/2	05113	82715	84635	
Belmullet	976	42006	82038	97606	33402	04114	81717	81920	
Birr	965	11506	80021	01305	15602	03115	81633		
Dublin	969	12210	63018	02407	00901	04224	81070		
Shannon	962	31408	82018	00407	35600	05001	83640		
Roches Point	952	61617	70018	01110	28402	06807	81817	85070	
Valentia	953	31212	81018	97609	22502	05820	82822		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01061	000	d∘r∘ddrr∘d∘	ifpr∘
Hurn	862	07091	001	d∘r∘d∘-r∘rpr∘	pr∘pr
Manston	797	00040	001	+	+
Gatwick	776	97061	000	r∘d∘d∘	d∘d∘
Kew	775	97060	000	id∘	id∘
Heathrow	772	97050	000	d∘	+
Honington	586	00036	000	+	+
Wattisham	590	00027	000	+	+
Gorleston	497		000		
Aberporth	502	02091	024	prpr∘	pr∘
Filton	628	97091	022	d∘r∘d∘d∘pr∘	pr∘
Rhoose	715	00111	046	+	+
Hartland Point	703	06081	057		
Mount Batten	827	91121	047	pr∘	+
St.Mawgan	817	97111	059	pr∘	+
Scilly	804	94121	053	pr∘	+
Culdrose	809	97112	055	pr∘	+
Guernsey	894	00090	000	+	if
Elmdon	534	96051	000	s∘ss∘s∘r∘	+
Cardington	559	00041	000	+	+
Wittering	462	97021	000	is∘	+
Watnall	354	01031	000	s∘s∘	ff
Shawbury	414	97051	000	d∘	+
Finningley	360	01015	000	s∘ss∘s∘	+
Spurn Point	396			ir∘r∘r∘	r∘r∘ir∘
Leeming	257	02017	000	s∘s∘sf	f
Tynemouth	262	97035	000	pr∘s∘	+
Carlisle	222	95051	008	s∘s∘sf	r∘-r∘s∘r∘s∘
Valley	302	03101	006	pr∘prpr∘	pr∘
Ringway	334	94041	000	s∘s∘s	+
Squires Gate	318	02051	000	ss∘r∘s∘r∘	ir∘rR
Ronaldsway	204	03101	000	rrr∘prpr∘	pr∘
Mull of Galloway	131	05082			
Eskdalemuir	162	08027	000	s∘s∘ss	s∘s∘is∘rs
Prestwick	135	01051	004	shs∘r∘	r∘
Abbotsinch	140	02036	000	s∘ss∘s∘	r∘s∘h∘r∘r∘ir∘
Leuchars	171	01031	000	s∘r∘s∘	r∘s∘r∘
Dyce	091	04061	000	h∘r∘rr∘	h∘r∘rrr∘
Lerwick	005	93071	000	pr∘ir∘	ir∘
Wick	075	97071	000	+	ir∘
Sule Skerry	010	00071			
Cape Wrath	049	07051	000	pr∘	+
Stornoway	026	96071	000	r∘r∘	r∘r∘ir∘
Benbecula	022	05061	000	d∘r∘r∘r∘ir	r∘r∘rr
Tiree	100	05071	000	r∘r∘r∘s∘	pHRrr∘r∘
Aldergrove	917	02092	009	r-rrpr∘	+
Malin	980	0408	001		
Belmullet	976	0209	009		
Birr	965	0009	023		
Dublin	969	9211	031		
Shannon	962	9310	035		
Roches Point	952	0211	048		
Valentia	953	0211	031		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

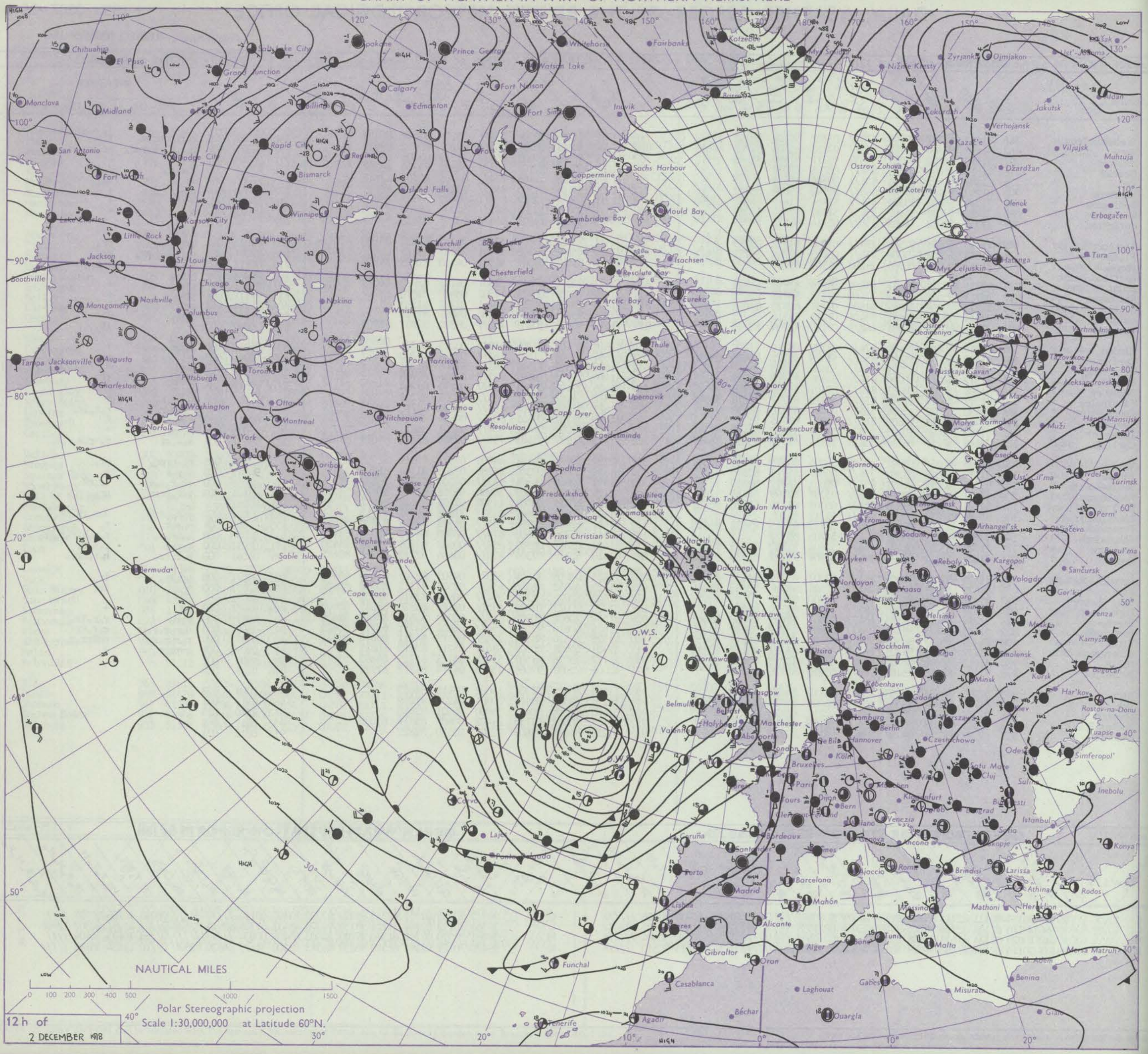
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02121	82715	97028	91904	885//	00302	/////	/////	05701	10730	30706	/////
L	99566	70170	02124	12106	99020	93409	12430	00213	81815	/////	0//02	11081	30301	99/07
M	99660	10020	02124	61619	97038	25004	55440	00305	/////	/////	0//52	10610	30404	/////
R	99471	70170	02124	72430	96818	90214	795//	41638	84923	/////	0//12	11415	30510	/////

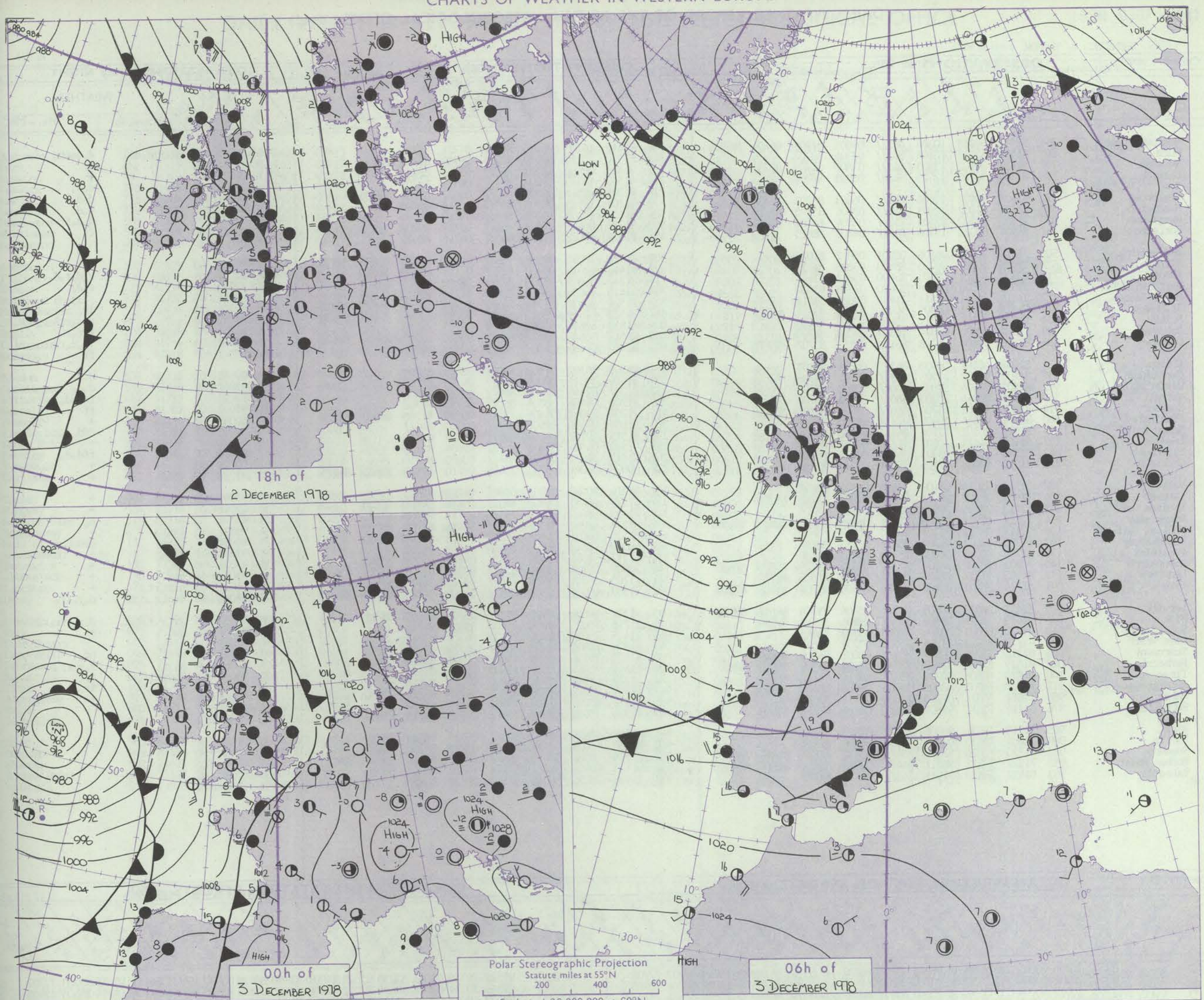
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02181	62715	98278	93702	63400	00110	/////	/////	06053	10756	30707	/////
L	99566	70173	02184	51211	98151	94308	48431	61305	82815	83628	0//03	11081	30302	12906
M	99661	10020	02184	61316	97022	24803	65400	00604	/////	/////	0//53	10635	30404	////
R	99470	70171	02184	62546	96258	86513	69500	51615	84820	82920	0//10	11424	30316	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday : SUNDAY 3 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

A complex depression southwest of Iceland has moved to south Greenland. An associated occluded front from the centre to western France has moved steadily east but has weakened. A deepening depression moved rapidly east but later slowed down as it turned northeast and is now centred about 200 miles west of Ireland. It associated occluded frontal system now extends from southwest Ireland to Scilly to north Spain. During the next 24 hours the depression is expected to move steadily northwards to about 300 miles west of north Scotland. Its associated occluded trough will move east to extend across the Hebrides to Belgium by tomorrow morning.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

OBSERVATIONS at 00h. 3 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81312	40218	10306	861//	06801	81702	86704	88712
Hurn	862	81408	62038	10108	863//	07704	88707		
Manston	797	81611	30102	13503	861//	03806	85702	88703	
Gatwick	776	81309	30105	12405	862//	05803	88704		
Kew									
Heathrow	772	81408	40102	11406	862//	06603	85705	88707	
Honington	586	71406	17102	12603	752//	03804	83703	87624	
Wattisham	590	71311	28102	13103	752//	02804	84704	87615	
Gorleston	497	81907	60022	13506	855//	04706	88625		
Aberporth	502	11619	70031	04506	00901	05812	81075		
Filton	628	11410	56251	08705	18400	05808	81815		
Rhoose	715	10808	80021	07405	15600	05812	81645		
Hartland Point	703	31515	74020	04408	32600	07818	83830		
Mount Batten	827	31415	70021	05511	11434	09820	81811	83075	
St.Mawgan	817	51519	70031	03809	36401	07720	83711	83075	
Scilly	804	11625	80030	01311	15600	10725	81630		
Culdrose	809	11514	70020	03810	16300	09723	81709		
Guernsey	894	81516	20104	08708	861//	08813	85702	87703	
Elmdon	534	81608	40102	09905	862//	04801	88703		
Cardington	559	81706	40102	11505	863//	05101	88708		
Wittering	462	81407	04424	11803	860//	03802	88700		
Watnall	354	81305	04444	10703	860//	03802	88700		
Shawbury	414	81307	12102	08704	860//	04001	83700	88702	
Finningley	360	91308	03454	10702	9////	02000	89//		
Spurn Point	396	81618	20102	12104	863//	03400	88706		
Leeming	257	91408	04474	10501	9////	01103	89/00		
Tynemouth	262	81812	56052	09903	864//	02213	88710		
Carlisle	222	31612	50048	07105	28501	03210	81820		
Valley	302	31516	75018	05108	35600	06802	83635		
Ringway	334	81609	20102	09005	861//	04802	85702	88704	
Squires Gate	318	81413	25106	07905	862//	04103	88704		
Ronaldsway	204	71811	80251	05108	784//	06108	81712	85815	86656
Mull of Galloway	131	42117	84011	03509	48500	06013	83820		
Eskdalemuir	162	81703	56027	07202	862//	02213	88705		
Prestwick	135	11705	80016	04404	15700	03115	81650		
Abbotsinch	140	70805	56107	04603	753//	03210	81709	83620	87640
Leuchars	171	81005	57217	06603	863//	02304	81708	88714	
Dyce	091	81714	25637	06805	7732/	05500	81706	83707	87710
Lerwick	005	81425	58616	10506	853//	05704	83708	84617	88626
Wick	075	81619	70026	05506	854//	03801	85712	88620	
Sule Skerry	010	41425	66021	03106	32460	05704	83815		
Cape Wrath	049	41719	80021	01904	45500	03204	84620		
Stornoway	026	81516	75036	00807	854//	03801	84616	88628	
Benbecula	022	81619	57586	99207	853//	07209	83709	86615	88620
Tiree	100	81820	60606	00309	854//	08211	84712	88615	
Aldergrove	917	71308	70031	02805	15706	03003	81650	86270	
Malin	980	11611	75021	01105	15600	03111	81635		
Belmullet	976	61116	75011	95807	654//	04621	82718	85640	
Birr	965	71213	75031	98508	756//	07825	87636		
Dublin	969	21004	75030	02307	15602	04806	81630		
Shannon	962	81320	70026	95310	854//	07832	82717	84624	88640
Roches Point	952	71321	70022	96211	6647/	09833	83714	86717	87459
Valentia	953	81422	56658	91011	863//	09735	88708		

OBSERVATIONS at 06h. 3 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81417	16105	06407	860//	07721	88701		
Hurn	862	81310	70216	06209	872//	08722	86704	88706	
Manston	797	81413	09462	10703	860//	03719	88700		
Gatwick	776	81509	15515	09206	871//	06619	88702		
Kew	775	81305	22515	08806	872//	05612	83703	88705	
Heathrow	772	81107	13515	08505	860//	05716	88701		
Honington	586	81107	17102	10203	860//	03718	88700		
Wattisham	590	81313	08444	10803	860//	03717	88700		
Gorleston	497	81514	60022	11006	855//	04718	88625		
Aberporth	502	71523	70031	99508	15622	07727	81630	83465	87075
Filton	628	81412	62018	05408	853//	07719	84708	88613	
Rhoose	715	81215	56601	03408	872//	08820	81703	88704	
Hartland Point	703	41415	74030	99810	22510	07723	82825	84460	
Mount Batten	827	71521	70021	01311	753//	10724	83709	86613	87635
St.Mawgan	817	81523	62612	98610	5532/	08728	83708	84612	88526
Scilly	804	61818	62618	97011	6062/	09713	86546		
Culdrose	809	81617	65616	98611	853//	09726	82708	85710	88620
Guernsey	894	81616	05464	04507	860//	07726	88700		
Elmdon	534	81309	15102	07105	860//	05716	88701		
Cardington	559	81410	20515	09004	862//	04715	88703		
Wittering	462	81207	02444	09403	860//	03716	88700		
Watnall	354	81206	06464	08304	860//	04713	88700		
Shawbury	414	71207	32042	05406	752//	05820	81705	84706	87620
Finningley	360	91109	04504	08902	9////	02610	89//		
Spurn Point	396	81515	20102	10604	863//	03707	88706		
Leeming	257	91510	04504	09102	9////	02609	89/00		
Tynemouth	262	81815	56052	08904	864//	03805	88710		
Carlisle	222	60908	56041	06003	35402	01710	81710	83650	86075
Valley	302	31216	75020	01007	00902	04723	83075		
Ringway	334	81510	45041	06906	853//	05616	84708	88620	
Squires Gate	318	71413	58015	05605	753//	05714	82708	87620	
Ronaldsway	204	61226	62042	02307	663//	06715	82707	85709	
Mull of Galloway	131	61535	80031	00407	685//	06822	81820	85630	
Eskdalemuir	162	40000	65011	06303	46400	01610	84712		
Prestwick	135	61217	58041	03504	653//	04809	81709	85645	
Abbotsinch	140	70908	50102	04504	653/2	03809	81706	83712	85650
Leuchars	171	71105	65031	06905	754//	03701	86710	87650	
Dyce	091	81508	40056	07305	853//	04203	81708	85710	88613
Lerwick	005	81322	50606	08407	852//	05708	83705	85711	88618
Wick	075	21716	75026	04906	25400	03301	81711		
Sule Skerry	010	21415	75020	02806	22400	06502	82815		
Cape Wrath	049	81806	70801	02207	885//	06102	83820	88625	
Stornoway	026	41923	75216	00908	45400	03201	81616	84624	
Benbecula	022	11616	75016	00007	15600	07000	81635		
Tiree	100	21225	62016	99908	25400	07713	82618		
Aldergrove	917	71213	80022	99308	654/2	06719	83712	85650	87270
Malin	980	71223	80021	97308	7097/	06725	87460		
Belmullet	976	71320	70038	88910	754//	07635	83718	85637	
Birr	965	81520	58606	92110	863//	09729	87708	88628	
Dublin	969	81420	75026	97310	864//	07723	84712	88620	
Shannon	962	81415	70026	90010	4547/	08817	82716	83640	88459
Roches Point	952	81523	60606	91611	6747/	10812	86711	88458	
Valentia	953	31426	75256	86011	32500	08828	83820		

OBSERVATIONS during NIGHT

Station	iii	RRT_rT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	94061	00	$pr_or_od_od_o$	$d_od_ofr_o$
Hurn	862	91081	06	+	r_o
Manston	797	00021	02	+	f
Gatwick	776	97051	02	d_o	d_od_o
Kew	775	97051	01	id_o	d_od_o
Heathrow	772	97050	02	d_o	d_od_o
Honington	586	92025	01	+	d_od_of
Wattisham	590	97025	00	+	ff
Gorleston	497				
Aberporth	502	00061	03	+	+
Filton	628	01031	51	jfpr	$r_od_or_od_or_o$
Rhoose	715	97051	00	+	r_od_o
Hartland Point	703	00061	03		
Mount Batten	827	97101	05	+	ir_o
St.Mawgan	817	08082	03	+	r_or_orrR
Scilly	804	03091	08	pr_o	rrr_or_o
Culdrose	809	03102	06	+	$ir_or_or_orr$
Guernsey	894	00071	07	if	ff
Elmdon	534	97041	02	+	d_od_o
Cardington	559	97041	02	+	d_od_o
Wittering	462	97021	01	ff	$ffFdd_o$
Watnall	354	91031	00	ff	ff
Shawbury	414	00041	02	+	+
Finningley	360	91011	51	ff	ffd_od_o
Spurn Point	396			+	+
Leeming	257	93014	00	ff	ffd_od_o
Tynemouth	262	00021	02	+	+
Carlisle	222	97021	50	pr_o	+
Valley	302	93061	03	pr_o	+
Ringway	334	00041	02	+	+
Squires Gate	318	97041	03	+	d_o
Ronaldsway	204	93071	05	pr_o	+
Mull of Galloway	131	00051			
Eskdalemuir	162	92027	51	r_os_o	+
Prestwick	135	97031	00	ir_o	+
Abbotsinch	140	93025	51	r_or	+
Leuchars	171	01021	53	$r_or_orr_o$	+
Dyce	091	06041	03	$h_or_or_or_orr$	$d_or_oir_o$
Lerwick	005	03032	04	$id_or_or_od_od_o$	$d_or_orrr_or_o$
Wick	075	97051	02	ir_o	+
Sule Skerry	010	97041	03		
Cape Wrath	049	97031	01	+	pr_o
Stornoway	026	94061	04	r_or_o	$r_or_orr_o$
Benbecula	022	03051	02	$r_or_od_or_oir$	ir_o
Tiree	100	93071	05	ir_orr_o	ir_o
Aldergrove	917	00041	02	+	+
Malin	980	9704	51		
Belmullet	976	9204	01		
Birr	965	0107	01		
Dublin	969	9205	50		
Shannon	962	0306	05		
Roches Point	952	0709	07		
Valentia	953	1310	07		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sappp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	03001	22614	98018	96101	22500	00207	/////	/////	06155	10715	3//07	///08
	99568	70183	03004	51107	97036	93008	25531	61810	82628	83361	0//01	11029	30201	12905
	99662	10019	03004	81319	97252	23803	894//	00807	/////	/////	0//51	10636	30404	/////
	99469	70174	03004	32747	98258	91312	39400	61338	81916	83820	0//09	11404	31022	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sappp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	03061	52210	97028	94901	53400	00710	/////	/////	06151	10727	3//03	///07
	99568	70189	03064	80825	97032	88008	35527	61833	83625	85460	0//04	11057	30505	12905
	99663	10018	03064	21116	97028	21503	22400	00710	/////	/////	0//53	10624	30303	/////
	99469	70177	03064	52934	97258	97112	48501	61117	82820	83630	0//09	11452	31118	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42746

Date of Issue MONDAY 4 DECEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 3 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81317	58606	04408	862//	07813	86705	88709	
Hurn	862	81113	62216	03709	853//	08717	82707	87709	88625
Manston	797	81313	15104	08703	860//	03812	82700	88701	
Gatwick	776	81411	57045	07206	862//	05712	88705		
Kew	775	81305	50055	06906	862//	05810	88705		
Heathrow	772	81107	56105	06607	862//	06811	83704	88705	
Honington	586	81311	10514	08604	860//	04812	88700		
Wattisham	590	81315	08425	08904	860//	04811	88700		
Gorleston	497	81516	56022	09606	855//	04811	88625		
Aberporth	502	81525	60616	97709	5732/	08001	83706	83630	88460
Filton	628	81214	60216	02909	873//	07813	83706	88707	
Rhoose	715	81115	60516	01209	872//	08817	88704		
Hartland Point	703	81722	64021	98110	884//	07709	83815	88630	
Mount Batten	827	81416	56636	99510	852//	09813	83705	86708	88615
St.Mawgan	817	71512	62216	98409	3832/	07005	81707	83650	87457
Scilly	804	51814	65026	97513	39468	11004	82918	83620	
Culdrose	809	51711	65016	98311	48431	09001	81810	84656	
Guernsey	894	81618	56614	02108	872//	07710	82703	85704	87705
Elmdon	534	81315	15515	05405	870//	05809	82701	88702	
Cardington	559	81312	30205	07204	873//	04812	88706		
Wittering	462	91213	01515	07703	9////	03815	89///		
Watnall	354	81309	05444	07003	860//	03712	88701		
Shawbury	414	81111	44042	03707	863//	06808	88706		
Finningley	360	81312	20515	07703	860//	03709	88701		
Spurn Point	396	81419	56022	08806	864//	04712	88715		
Leeming	257	81311	15514	07503	870//	03810	88701		
Tynemouth	262	71715	48052	07805	5564/	03606	85630		
Carlisle	222	71208	68032	04706	784/2	03808	81710	87622	
Valley	302	81525	70616	98809	4547/	07808	81710	84656	88462
Ringway	334	81415	57042	05105	853//	04805	85707	88625	
Squires Gate	318	81216	57102	04006	862//	05803	82705	87708	
Ronaldsway	204	81229	58252	99508	853//	07710	82707	86709	88650
Mull of Galloway	131	81838	60152	98407	4841/	06706	82715	88458	
Eskdalemuir	162	81212	66031	05003	854//	02708	84715	88620	
Prestwick	135	71328	65021	01105	65432	03716	81712	85616	87075
Abbotsinch	140	70913	60042	03005	55432	03810	81712	85616	87075
Leuchars	171	71310	57052	06205	66332	03806	82706	85708	87070
Dyce	091	71615	68216	07307	7847/	05801	81710	83716	85620
Lerwick	005	71524	56256	09707	723//	06212	83708	86812	
Wick	075	71517	66051	05908	5843/	05804	81712	84818	86360
Sule Skerry	010	61417	81036	04107	42406	07001	84815	86270	
Cape Wrath	049	71413	81028	01906	25532	06811	82620	83360	87070
Stornoway	026	71212	82021	00308	40982	04808	81359	84362	85072
Benbecula	022	71522	80011	97108	35578	04820	81621	83630	85462
Tiree	100	71234	64026	96507	754//	05822	84615	87630	
Aldergrove	917	81420	58596	95808	7532/	07816	81708	83710	87614
Malin	980	71233	59606	92409	6647/	07819	83715	84630	87459
Belmullet	976	71322	72038	83711	735/2	07825	87820	81920	
Birr	965	61518	60808	89411	635/2	08814	83920	84636	
Dublin	969	81524	59616	94010	863//	09711	82706	85709	87712
Shannon	962	71621	70215	86812	764//	08712	85716	84622	
Roches Point	952	71527	57256	90311	784//	10502	85713	86635	
Valentia	953	71928	60258	84011	734//	09000	86712	87919	

OBSERVATIONS at 18h. 3 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81411	45636	01808	871//	07707	85702	88704	
Hurn	862	81707	56616	01609	7532/	08706	85708	86610	88550
Manston	797	81316	35102	05804	862//	03714	85704	88706	
Gatwick	776	81107	32586	03906	872//	05712	84705	88707	
Kew	775	81105	40602	03606	873//	05612	88708		
Heathrow	772	81107	45606	03506	863//	05711	88707		
Honington	586	81111	45055	05604	862//	03712	88705		
Wattisham	590	81214	35104	05905	862//	04811	88705		
Gorleston	497	81520	56022	06907	855//	04713	88625		
Aberporth	502	81613	60646	96709	873//	08003	85708	88712	
Filton	628	81312	50586	00508	872//	07807	84704	88706	
Rhoose	715	71312	50106	99508	762//	08803	87703		
Hartland Point	703	82408	66616	97609	855//	07601	88625		
Mount Batten	827	72514	62256	99211	784//	09303	81710	84820	86625
St.Mawgan	817	82410	62258	98909	6947/	07211	82912	83620	86628
Scilly	804	72413	65258	98911	4841/	08213	82816	84621	86460
Culdrose	809	72312	57258	99110	5843/	08109	81710	83815	85625
Guernsey	894	42012	68016	01610	48300	09005	83706		
Elmdon	534	81310	15585	02805	871//	04709	88702		
Cardington	559	81310	35605	04105	862//	04614	86703	88705	
Wittering	462	91213	01515	04903	9////	03709	89///		
Watnall	354	81112	03425	04103	860//	03708	88700		
Shawbury	414	81009	28616	01006	862//	05806	84704	88705	
Finningley	360	81214	20205	04504	861//	04712	88702		
Spurn Point	396	81522	45022	06206	864//	04709	88715		
Leeming	257	81411	11515	05003	861//	03608	88701		
Tynemouth	262	81726	61022	04707	855//	04610	88620		
Carlisle	222	71614	63022	01605	754//	02716	81712	87650	
Valley	302	71518	75026	96309	753//	07707	81709	85624	86632
Ringway	334	81210	59022	02204	5547/	03804	81710	85656	88360
Squires Gate	318	81315	60602	01105	854//	04602	88614		
Ronaldsway	204	81228	56218	97108	873//	07000	83706	86708	88710
Mull of Galloway	131	81640	58216	93907	874//	06712	88710		
Eskdalemuir	162	81310	60022	01603	854//	01712	86715	88638	
Prestwick	135	81324	62602	98005	7547/	03703	83618	85646	88459
Abbotsinch	140	80913	62042	99106	5542/	04614	82714	85650	88460
Leuchars	171	71525	58022	02908	753//	05615	82708	83709	87614
Dyce	091	81316	50605	05007	873//	06506	82708	88710	
Lerwick	005	71524	60028	09507	784//	04703	86813		
Wick	075	71517	80038	04008	6843/	04610	83818	85630	87360
Sule Skerry	010	61425	74012	01008	32478	07712	83815	83360	86270
Cape Wrath	049	71432	65032	96207	794//	06731	87915		
Stornoway	026	81119	80022	96308	5567/	04718	85640	88362	
Benbecula	022	81426	75026	92908	6542/	05713	84615	86629	88460
Tiree	100	81235	62216	91508	854//	06818	83711	86614	88619
Aldergrove	917	81518	56626	92309	853//	08611	83709	86712	88618
Malin	980	61334	58606	87910	664//	08720	84715	83622	
Belmullet	976	82026	56618	81809	863//	08323	85708	86712	88630
Birr	965	72012	66258	90909	734//	08325	83712	85920	87636
Dublin	969	71614	70216	92610	754//	07102	82712	85625	87650
Shannon	962	42109	65256	90609	435//	07238	82920	83635	
Roches Point	952	72113	65018	93709	48402	06230	81816	84633	85070
Valentia	953	12317	64258	92009	13500	03244	81922		

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	04081	000	$id_or_od_or_odr$	$d_or_odrdrrr_o$
Hurn	862	05101	000	$r_orr_or_o$	r_or_or
Manston	797	91041	000	+	r_or_o
Gatwick	776	01071	000	+	$r_or_od_or_od_or_o$
Kew	775	03072	000	+	r_orr
Heathrow	772	03071	000	+	r_orr
Honington	586	91051	000	$d_od_offid_o$	r_o
Wattisham	590	92051	000	ffd_od_o	r_o
Gorleston	497		000		
Aberporth	502	06091	000	$ir_or_or_orr$	ir_oiRrr
Filton	628	02091	000	$ir_orr_od_or_od_o$	$d_od_or_or_ord_or_o$
Rhoose	715	02091	000	$d_od_or_or_od_o$	$d_or_orr_o$
Hartland Point	703	03112	005		
Mount Batten	827	06121	001	r_or_orRrr	pr_opr
St.Mawgan	817	07111	009	Krd_or_o	pr_opr
Scilly	804	01131	018	ir	pr
Culdrose	809	08111	008	$ir_or_or_o$	pr_o
Guernsey	894	03101	000	r_or_o	pr_o
Elmdon	534	03061	000	d_od_o	$d_od_od_or_orrr_o$
Cardington	559	03052	000	d_od_o	$d_od_oir_orrr_or_o$
Wittering	462	02041	000	d_od_oFF	$d_od_oFFr_ofr$
Watnall	354	94042	000	ffd_o	ffd_o-r_or
Shawbury	414	03071	000	+	$r_orr_or_o$
Finningley	360	97041	000	d_od_off	$d_od_od_or_o$
Spurn Point	396			+	+
Leeming	257	92041	000	d_od_offF	d_od_of
Tynemouth	262	00071	004	+	+
Carlisle	222	97071	007	+	r_o
Valley	302	02101	000	$ir_or_or_o$	ir_orr
Ringway	334	95061	000	+	r_o-r_or
Squires Gate	318	03061	000	+	r_orr
Ronaldsway	204	94091	000	$pr_o-r_or_o$	ir_o-r
Mull of Galloway	131	96081			
Eskdalemuir	162	97045	001	+	r_o
Prestwick	135	97081	002	+	$ir_or_or_o$
Abbotsinch	140	96061	000	+	ir_o
Leuchars	171	00081	001	+	+
Dyce	091	93081	000	ir_or_o	$d_oid_oir_or_or_o$
Lerwick	005	96081	000	$r_or_opr_o$	pr_o
Wick	075	97081	002	+	pr_oir_o
Sule Skerry	010	00091			
Cape Wrath	049	00081	020	+	+
Stornoway	026	00091	005	+	+
Benbecula	022	93091	000	ir_o	ir_o
Tiree	100	97081	000	ir_o	ir_o
Aldergrove	917	12092	000	$r_or_odr-rrr_or_o$	r_or_or-rr
Malin	980	9710	000		
Belmullet	976	0711	012		
Birr	965	0211	018		
Dublin	969	0611	000		
Shannon	962	0312	008		
Roches Point	952	0112	004		
Valentia	953	1412	000		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

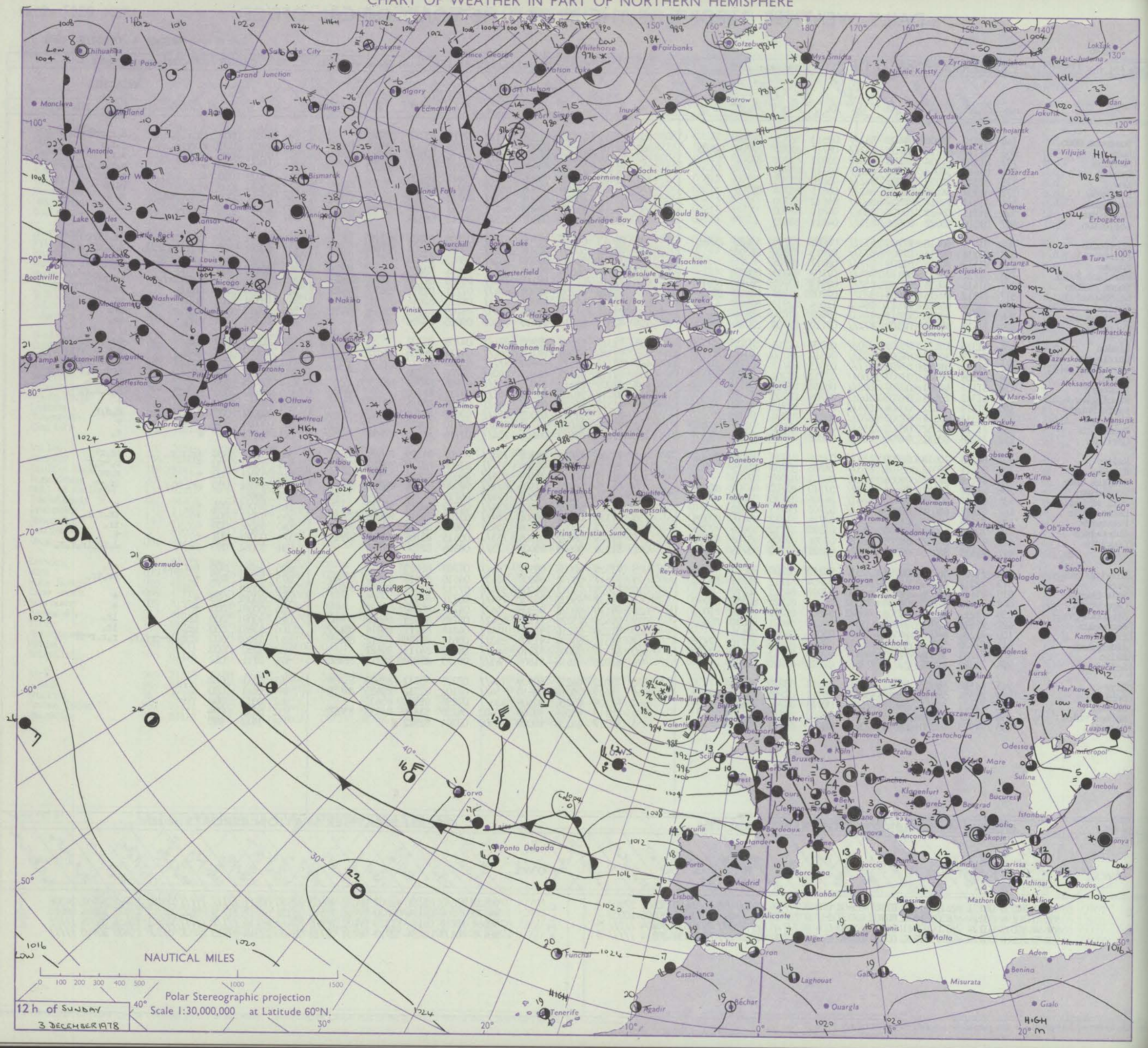
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	03121	62612	97158	97303	53401	00216	/////	/////	05853	10680	30505	27208
	99570	70196	03124	80835	96636	80908	6722/	61734	86705	88520	0//08	11065	30606	10009
	99664	10017	03124	71320	97011	20704	55440	00400	/////	/////	0//52	10631	30404	/////
	99470	70180	03124	82827	97251	03411	6857/	71232	86820	88463	0//09	11438	30914	/////

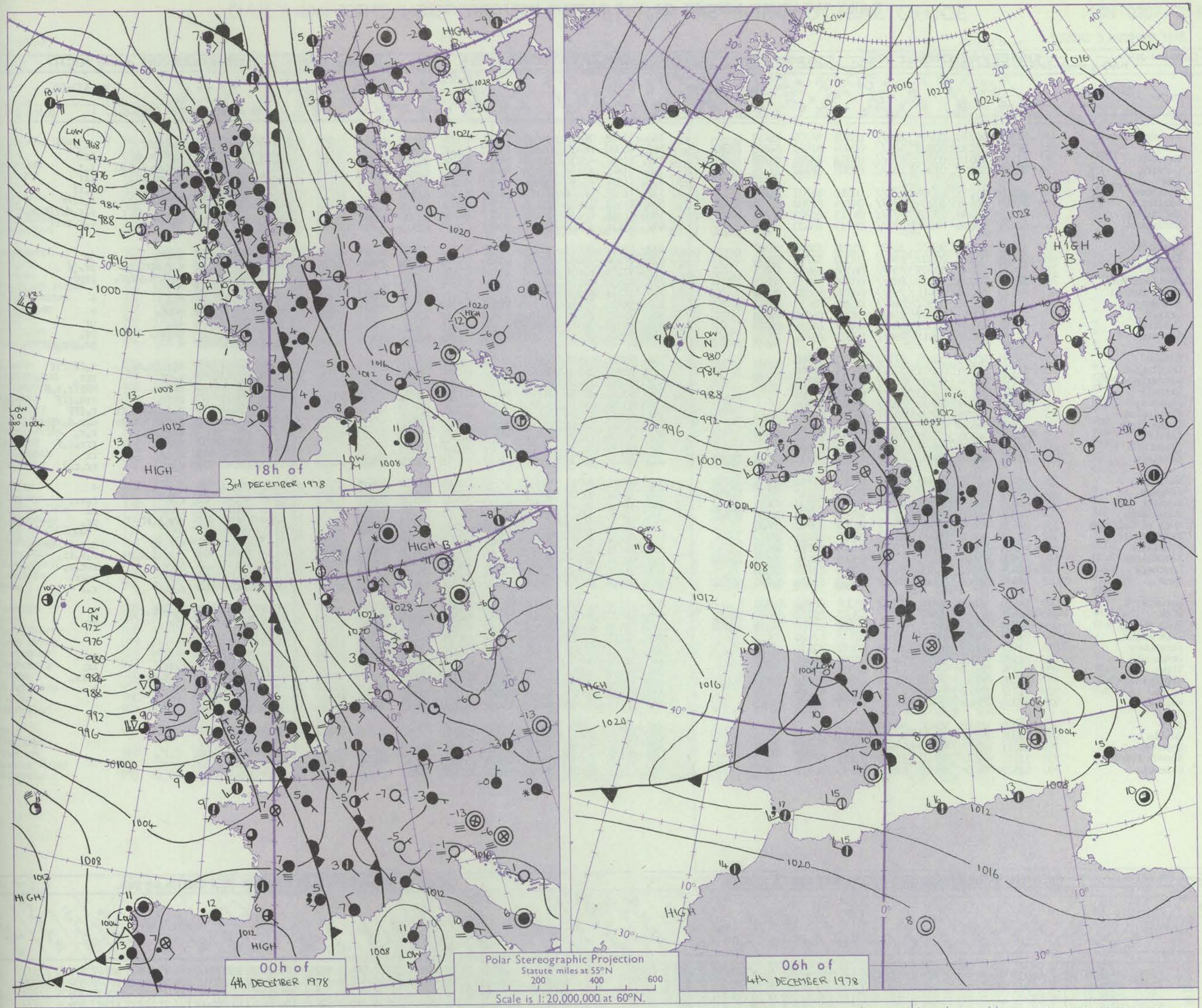
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	03181	52007	98038	98603	22530	00611	/////	/////	05852	10765	30402	24208
	99570	70204	03184	50820	97016	75510	35331	61617	81709	83622	0//07	11070	30604	08010
	99664	10017	03184	81323	97032	18305	874//	41710	/////	/////	0//01	10626	30505	/////
	99470	70173	03184	52723	98031	03712	53500	22314	81920	84820	0//08	11406	30910	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday MONDAY 4 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours an anticyclone centred over the northern Baltic was stationary whilst a deep depression just west of Ireland moved steadily northwards. An associated occlusion moved northeastwards across the British Isles, but became slow-moving along the east coast by this morning.

During the next 24 hours the high over the northern Baltic will remain almost stationary whilst the low northwest of Ireland will fill as it moves towards southwest Iceland. The occlusion lying near the east coast of Britain will remain slow-moving. The fronts associated with a deepening Atlantic low will be approaching western Ireland by tomorrow morning.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

Code FM 11.V — OBSERVATIONS at 00h. 4 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81910	40216	00708	850//	08505	84701	88650	
Hurn	862	81902	75256	00809	4847/	08604	81815	84640	88362
Manston	797	81514	20516	03305	871//	05812	83702	88703	
Gatwick	776	81704	30206	01907	861//	07508	88702		
Kew									
Heathrow	772	81105	25206	01306	872//	06510	85703	88704	
Honington	586	81110	30636	03204	871//	04714	82702	88703	
Wattisham	590	81313	30636	03505	871//	04715	83702	88704	
Gorleston	497	81424	56616	04607	855//	04713	88620		
Aberporth	502	82212	62256	98307	3247/	05208	83818	88362	
Filton	628	82105	50106	00008	854//	07000	82712	88636	
Rhoose	715	82410	75606	99909	854//	06306	83614	88640	
Hartland Point	703	82810	74028	98909	885//	05208	85820	88641	
Mount Batten	827	72510	62012	00411	785//	08106	83826	86640	
St.Mawgan	817	82503	65258	00507	884//	06209	85815	88625	
Scilly	804	82913	70216	01309	854//	07211	86710	88638	
Culdrose	809	62213	64258	00809	68400	07207	81816	86628	
Guernsey	894	72316	63021	02011	764//	09303	86711		
Elmdon	534	81308	40605	00405	871//	04712	88702		
Cardington	559	81106	45636	01604	872//	04614	88704		
Wittering	462	81212	09636	02203	860//	03715	88700		
Watnall	354	81110	25634	01603	861//	03615	88702		
Shawbury	414	80805	25586	99405	862//	05610	88704		
Finningley	360	81112	19586	01704	862//	04718	88704		
Spurn Point	396	81333	56616	03406	865//	04717	88720		
Leeming	257	81311	40636	02404	872//	04716	83704	88705	
Tynemouth	262	81620	69022	02607	855//	05713	88620		
Carlisle	222	81412	59616	99806	854//	03815	82713	83616	88645
Valley	302	82415	68026	96809	3547/	07105	81710	83618	88359
Kingway	334	81411	65606	00105	854//	03714	85713	87626	88650
Squires Gate	318	81413	57626	99505	853//	04506	83708	88613	
Ronaldsway	204	81421	56632	95808	853//	07609	83706	86708	88620
Mull of Galloway	131	81635	65616	93407	854//	06201	83710	88630	
Eskdalemuir	162	81215	30636	00303	873//	02815	84707	88711	
Prestwick	135	81324	65026	96805	7547/	02805	82615	86632	
Abbotsinch	140	80910	65026	98205	7542/	03803	83616	86623	88460
Leuchars	171	81424	65022	01807	854//	03001	83712	88620	
Dyce	091	81317	50506	03007	854//	04803	82714	85718	88622
Lerwick	005	81426	30658	09606	872//	05304	86704	88708	
Wick	075	81528	65056	02907	854//	03807	82712	85618	88632
Sule Skerry	010	61536	57052	00208	4143/	08302	82810	84815	86358
Cape Wrath	049	71419	74022	97208	755//	07718	87620		
Stornoway	026	71427	81022	94409	25630	03612	82637	87360	
Benbecula	022	81531	70036	91708	854//	05500	85614	88620	
Tiree	100	81334	58636	92007	7742/	06305	87710	88515	
Aldergrove	917	72008	80016	94407	25531	05317	82620	83359	86070
Malin	980	71717	65106	91908	754//	05219	82716	87645	
Belmullet	976	32015	75806	89108	33400	03219	81715	83920	
Birr	965	01909	60108	95606	00900	03221			
Dublin	969	72006	70026	95808	7097/	04217	87458		
Shannon	962	62011	65808	95006	635//	03215	83920	84638	
Roches Point	952	12210	70018	97407	18400	03213	81816		
Valentia	953	62626	70808	96009	69500	04216	86922		

OBSERVATIONS at 06h. 4 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	32402	26404	01605	15631	05207	81630		
Hurn	862	10000	08418	01603	15600	03208	81630		
Manston	797	81809	45215	02607	852//	07304	84704	88645	
Gatwick	776	51904	65116	01905	55400	05309	82613	83656	
Kew	775	61801	65126	01406	664//	06207	84710		
Heathrow	772	11803	06416	01105	16400	05308	81712		
Honington	586	81307	18626	01106	870//	06604	88701		
Wattisham	590	81206	03626	01406	870//	06703	88700		
Gorleston	497	81614	48026	02207	864//	06605	88712		
Aberporth	502	12311	80021	00605	11500	02214	81820		
Filton	628	42504	75038	01605	48400	05310	83818		
Rhoose	715	33203	82018	01307	35600	05310	83645		
Hartland Point	703	42808	74216	00809	45500	03208	84625		
Mount Batten	827	33207	62038	02205	38400	05311	81712	83650	
St.Mawgan	817	52810	70018	02109	58500	05210	83824	84635	
Scilly	804	33405	75028	03707	35600	05316	83638		
Culdrose	809	12910	70258	02905	12500	03311	81820		
Guernsey	894	73108	80028	02109	784//	07302	84814	86645	
Elmdon	534	91501	02476	00805	9////	05307	89///		
Cardington	559	81902	20216	01005	873//	05304	88706		
Wittering	462	91703	02616	00904	9////	04301	89///		
Watnall	354	80000	02636	00803	860//	03302	88700		
Shawbury	414	90000	01476	00305	9////	05308	89/00		
Finningley	360	81202	18586	00504	861//	04703	88702		
Spurn Point	396	81319	56616	01206	874//	05710	88715		
Leeming	257	81306	15636	01304	871//	04500	88702		
Tynemouth	262	81719	56636	01506	855//	05601	88623		
Carlisle	222	81107	50636	99605	854//	04303	83710	88625	
Valley	302	42612	78011	99507	11570	03218	81823	84465	
Kingway	334	71902	62606	00605	754//	04304	82616	87635	
Squires Gate	318	81409	56106	99905	852//	05308	83704	88638	
Ronaldsway	204	72610	82018	98707	28538	05317	81822	87270	
Mull of Galloway	131	42415	80016	97407	18530	05216	81825	83360	
Eskdalemuir	162	81202	50616	99903	874//	02304	88710		
Prestwick	135	71412	75016	98005	6542/	03211	81712	83618	85625
Abbotsinch	140	80807	62616	98705	854//	04307	82710	87714	88630
Leuchars	171	81414	59636	00906	873//	05500	83708	88712	
Dyce	091	81314	60055	03507	855//	01701	83620	88630	
Lerwick	005	81328	65026	10006	854//	03306	83716	88645	
Wick	075	81428	65056	03307	854//	02304	85616	88623	
Sule Skerry	010	71428	48102	02308	784//	07226	83815	87620	
Cape Wrath	049	71213	75022	99807	755//	06329	87620		
Stornoway	026	81522	80602	97109	7562/	03218	87636	88460	
Benbecula	022	51624	80016	94807	48401	05119	81815	84625	
Tiree	100	81619	62026	95307	863//	06319	88709		
Aldergrove	917	11908	82011	97703	15501	02320	81620		
Malin	980	21918	75021	95605	28500	03219	81820		
Belmullet	976	12114	70018	94007	13400	02221	81718	81920	
Birr	965	42307	62808	99004	48500	03320	83820		
Dublin	969	02310	70021	98505	00900	01217			
Shannon	962	32208	70028	98905	33500	01216	81920		
Roches Point	952	52607	70038	01004	584//	03225	82817	84650	
Valentia	953	12216	70028	00106	12500	02322	81822		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	01031	51	r_oRriff	ifjfif
Hurn	862	04001	51	r_oRrpr_opr	iff
Manston	797	01041	03	$r_or_od_od_od_or_o$	r_or_o
Gatwick	776	03021	51	$r_or_od_orr$	iff
Kew	775	04011	52	$r_or_orRr_o$	r_off
Heathrow	772	03041	51	$rrr_or_od_o$	r_oiffF
Honington	586	05041	03	$r_or_ord_or_o$	$d_or_od_or_or_or_or$
Wattisham	590	06042	03	r_orrr_or	r_or_orrff
Gorleston	497				
Aberporth	502	94031	00	$irpr_o$	jp
Filton	628	02041	52	$d_or_oRrd_or_o$	pr_ojf
Rhoose	715	01051	52	$r_or_o-r_oprpr_o$	$prpr_o$
Hartland Point	703	03071	03		
Mount Batten	827	97031	51	pr_o	+
St.Mawgan	817	03071	01	$pRpr_o$	+
Scilly	804	02071	04	ir_o	pr
Culdrose	809	02051	51	pr_oir_o	pr_o
Guernsey	894	03092	05	+	$pr_ophrpHR$
Elmdon	534	03041	03	$r_or_oir_orr_o$	$r_offFfif$
Cardington	559	06042	03	r_orr	rrr_o
Wittering	462	07031	03	$rrffr_o$	$RRffr_or_oF$
Watnall	354	09031	03	$frrr_o$	rrd_offF
Shawbury	414	03011	51	$r_od_or_od_or_orr$	r_offF
Finningley	360	06031	03	$d_or_od_or_orrdr$	$d_or_od_or_orr_o$
Spurn Point	396			$ir_or_or_o$	r_or_o
Leeming	257	07031	03	r_orr	rrr_or_of
Tynemouth	262	08062	05	r_or_o	rr
Carlisle	222	05041	03	r_or_o	rr_or_oR
Valley	302	03051	01	R	+
Kingway	334	10041	03	rrR	r_orr_o
Squires Gate	318	03021	51	r_orr	if
Ronaldsway	204	04061	02	rrr_or_oR	pr_o
Mull of Galloway	131	01041			
Eskdalemuir	162	08032	02	r_or_orr	$r_or_oir_orr$
Prestwick	135	95041	03	$r_or_oir_or_or_o$	$r_or_oir_o$
Abbotsinch	140	05041	04	ir_or	rrr_or_o
Leuchars	171	11052	04	r_or	$rrRr_o$
Dyce	091	01051	04	r_od_o	r_or
Lerwick	005	02041	03	$pr_oRRr_or_o$	+
Wick	075	97071	04	ir_o	ir_o
Sule Skerry	010	00071	06		
Cape Wrath	049	00041	04	+	+
Stornoway	026	93071	06	+	r_or_o
Benbecula	022	92061	05	r_oir_o	ir_o
Tiree	100	03071	05	ir_or_orr	$irir_o$
Aldergrove	917	95022	00	rr_o	+
Malin	980	9704	50		
Belmullet	976	0306	04		
Birr	965	9202	51		
Dublin	969	9104	51		
Shannon	962	0304	01		
Roches Point	952	0104	50		
Valentia	953	0405	02		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	04001	81117	96818	88605	834//	00771	/////	/////	05403	10721	3//06	///07
	99571	70208	04004	50108	98031	77910	55500	00316	85625	/////	0//08	11051	30302	07906
	99660	10021	04004	81327	97028	19005	894//	00205	/////	/////	0//04	10638	30506	/////
	99470	70169	04004	22929	97258	08711	25600	71121	82640	/////	0//07	11401	30910	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	04061	81231	96618	66207	8742/	007107	/////	/////	00106	10747	3//13	/////
	99571	70208	04064	73040	97252	83108	784//	00224	83818	87628	0//07	11076	30706	07008
	99661	10021	04064	81518	97258	19806	894//	00207	/////	/////	0//04	10633	30505	/////
	99471	70170	04064	23026	97020	12211	25600	71119	82640	/////	0//08	11392	30909	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42747

Date of Issue TUESDAY 5 DECEMBER 1978

OBSERVATIONS at 12h. 4 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	63102	60014	06705	15638	05223	81645	86268	
Hurn	862	72802	56104	06705	1577/	05223	81656	85362	87465
Manston	797	71902	40802	05909	6857/	09120	83822	85640	86360
Gatwick	776	62302	20284	06108	38131	07221	81702	84075	
Kew	775	72701	25284	06207	752//	06226	85705	87635	
Heathrow	772	72602	15284	05706	751//	06125	81702	87656	
Honington	586	72706	36106	06207	761//	06228	87702		
Wattisham	590	82706	01466	06007	860//	07225	88700		
Gorleston	497	82105	32205	06008	874//	07228	88710		
Aberporth	502	53012	80031	05808	58400	03225	85818		
Filton	628	42703	60051	06908	38502	06127	81820	83635	
Rhoose	715	13205	68028	06609	18531	05125	81825		
Hartland Point	703	42410	82020	06609	42500	03129	84825		
Mount Batten	827	52905	65031	07409	18531	06127	81820	84360	
St.Mawgan	817	13010	80011	07509	12500	04228	81825		
Scilly	804	43112	75018	08110	32501	06228	83821		
Culdrose	809	33009	70021	07810	39400	03125	81915		
Guernsey	894	73313	82028	06910	38432	04230	81815	83650	85075
Elmdon	534	12606	61024	05609	15402	04225	81616		
Cardington	559	92702	03436	06206	9////	06126	89/01		
Wittering	462	22606	23408	05808	26001	07219	82701		
Watnall	354	72506	12286	05705	760//	05223	86701	87715	
Shawbury	414	12405	76024	05608	18530	05223	81820		
Finningley	360	41902	18106	04906	15532	05224	81625	84075	
Spurn Point	396	62805	35106	05306	5647/	05220	85715	86360	
Leeming	257	71602	30106	05105	45172	05122	83702	83620	87070
Tynemouth	262	72004	39056	04505	7097/	04216	87358		
Carlisle	222	71003	68016	04306	684/1	05225	81715	85822	
Valley	302	12411	80021	04909	18500	04128	81825		
Ringway	334	71905	06426	05805	760//	05226	84700	87701	
Squires Gate	318	51502	25044	04907	58500	05226	84825		
Ronaldsway	204	52510	84011	03908	48501	05123	84820		
Mull of Galloway	131	72706	84031	03007	62501	05230	86825		
Eskdalemuir	162	83502	62606	04403	874//	03223	83711	88715	
Prestwick	135	51411	70012	02706	18402	05222	81711	85075	
Abbotsinch	140	70608	57216	03405	653/2	05126	81709	83630	86656
Leuchars	171	81106	62616	05005	7542/	03224	81710	87616	88460
Dyce	091	81515	30636	06606	7532/	05219	81708	85611	86616
Lerwick	005	81229	58586	13606	853//	03216	84707	83620	88640
Wick	075	81325	57616	06807	6542/	05115	83712	85618	88459
Sule Skerry	010	81432	58162	05108	864//	08321	88710		
Cape Wrath	049	71115	80022	03806	4557/	05229	84620	87360	
Stornoway	026	61314	80026	01608	68431	04222	82818	85632	
Berbecula	022	31520	82011	99408	38400	05218	82817		
Tiree	100	61520	81158	00308	684//	05121	81712	83816	85635
Aldergrove	917	12208	70021	03005	16302	03229	81707		
Malin	980	11718	84010	00407	15600	02218	81642		
Belmullet	976	81923	50638	96707	6632/	06005	83707	85712	88458
Birr	965	12010	82038	04206	15600	03122	81636		
Dublin									
Shannon	962	52112	80258	04407	585/3	03123	81820	84650	
Roches Point	952	12613	70021	06607	18402	03127	81817		
Valentia	953	62710	70908	05807	63500	04129	86924		

OBSERVATIONS at 18h. 4 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	13003	61021	12605	00901	03234	81072		
Hurn	862	20000	07411	12603	00901	03235	82075		
Manston	797	83306	19106	11307	851//	07230	83702	87706	88630
Gatwick	776	73602	56102	11906	2573/	06234	82656	85359	
Kew	775	10000	00416	11903	10931	03237	81362		
Heathrow	772	30000	20101	11606	20932	06236	82360		
Honington	586	82202	04464	12004	860//	04238	88701		
Wattisham	590	83307	03464	11905	860//	05235	88700		
Gorleston	497	80000	32025	11407	855//	06233	88625		
Aberporth	502	02211	80011	12304	00900	01240			
Filton	628	12702	60050	12805	15600	03237	81640		
Rhoose	715	13602	70010	12505	15600	02233	81635		
Hartland Point	703	32905	82021	12408	32600	03235	83830		
Mount Batten	827	12806	65021	13407	18500	05237	81828		
St.Mawgan	817	22306	80020	13807	22500	03239	82822		
Scilly	804	23108	80018	14308	22500	06233	82821		
Culdrose	809	22907	68010	13905	21500	02235	82825		
Guernsey	894	23310	82011	12807	12502	03235	81828		
Elmdon	534	21102	59101	12203	15402	02238	81614		
Cardington	559	90802	00454	12305	9////	05238	89/01		
Wittering	462	92202	00474	12103	9////	03236	89///		
Watnall	354	02203	01464	12003	00900	03235			
Shawbury	414	01402	70010	11802	00900	01232			
Finningley	360	21702	01460	11401	00902	01238	82075		
Spurn Point	396	90000	01474	11705	9////	04237	89/00		
Leeming	257	11702	12401	11102	15500	01235	81620		
Tynemouth	262	02005	39051	09905	00900	03236			
Carlisle	222	31605	56041	09704	35600	03240	83630		
Valley	302	12116	80020	10607	15600	01232	81640		
Ringway	334	01806	45044	11705	00900	03234			
Squires Gate	318	31302	00464	11002	38500	02236	81822	83645	
Ronaldsway	204	32213	75031	09507	11544	02231	81825	83073	
Mull of Galloway	131	22320	84021	07607	12530	03224	81820		
Eskdalemuir	162	50000	30216	09203	552//	03129	83704	84620	
Prestwick	135	11407	65021	07802	15630	01226	81630		
Abbotsinch	140	10704	25101	07903	15500	03226	81628		
Leuchars	171	52409	56616	07805	55600	04221	85635		
Dyce	091	81114	56616	08906	853//	06213	81706	85708	88620
Lerwick	005	81228	60605	16505	854//	01216	81710	88626	
Wick	075	81323	65026	10107	7547/	04218	84715	87626	88359
Sule Skerry	010	81430	64022	08808	864//	07226	88710		
Cape Wrath	049	61119	80022	06706	655//	06224	86620		
Stornoway	026	51412	82021	05507	38541	03225	81824	83635	
Berbecula	022	51520	80011	03107	584//	05313	83815	84630	
Tiree	100	41426	80018	03008	48400	04214	81818	83650	
Aldergrove	917	81712	60636	06605	854//	03322	83616	88622	
Malin	980	81519	62636	01804	6742/	04209	81713	85715	88458
Belmullet	976	52620	70216	04709	5343/	04250	82714	83920	
Birr	965	72008	60808	09607	785//	04139	83820	86633	
Dublin	969	32011	70021	09406	25601	01230	82640	83070	
Shannon	962	62310	75258	09607	/////	05135	83920	86633	
Roches Point	952	12314	70010	11507	18402	04133	81817		
Valentia	953	32208	80258	10308	38500	04229	82823		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00073	004	+	+
Hurn	862	00081	004	+	iffif
Manston	797	97091	000	pr.ir.	f
Gatwick	776	00093	007	fFF	+
Kew	775	97081	002	ffr.	ifiFFF
Heathrow	772	91081	002	FFfif	ifFF
Honington	586	91071	000	+	ff
Wattisham	590	00071	000	fF	ff
Gorleston	497		000		
Aberporth	502	00091	049	+	+
Filton	628	00101	044	jf	+
Rhoose	715	95103	054	pr.prpr.	+
Hartland Point	703	92102	063		
Mount Batten	827	00111	055	+	+
St.Mawgan	817	00101	056	+	+
Scilly	804	97101	045	pr.	+
Culdrose	809	00101	056	+	+
Guernsey	894	93111	039	pr.	+
Elmdon	534	00093	050	+	+
Cardington	559	91071	000	fFFd.	fFFid.
Wittering	462	91091	013	fpr.	FF
Watnall	354	00061	004	FF	ffFF
Shawbury	414	00093	055	fif	+
Finningley	360	92084	032	r.r.	fFF
Spurn Point	396			r.r.id.	FF
Leeming	257	94071	021	r.r.f	fFF
Tynemouth	262	02061	002	rr	+
Carlisle	222	00081	012	+	+
Valley	302	00091	055	+	+
Ringway	334	00081	024	ff	+
Squires Gate	318	00081	045	if	fFF
Ronaldsway	204	00091	049	+	+
Mull of Galloway	131	97081			
Eskdalemuir	162	01041	000	rrr.r.ir.	r.ff
Prestwick	135	01071	031	jp	pr.r
Abbotsinch	140	91061	000	d.r.d.r.	d.r.
Leuchars	171	03073	000	r.r.	r.r.
Dyce	091	12071	000	r.rr	rrr.
Lerwick	005	01061	000	d.r.r.r.id.	id.ir.
Wick	075	95081	000	ir.r.r.	ir.
Sule Skerry	010	00091			
Cape Wrath	049	00070	013	+	+
Stornoway	026	97091	020	r.	+
Berbecula	022	97081	016	+	pr.
Tiree	100	94081	008	pr.	pr.r.
Aldergrove	917	05062	054	+	r.rRrr.
Malin	980	0709	049		
Belmullet	976	1409	000		
Birr	965	9108	052		
Dublin	969	0008	062		
Shannon	962	0109	033		
Roches Point	952	9709	066		
Valentia	953	0409	020		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

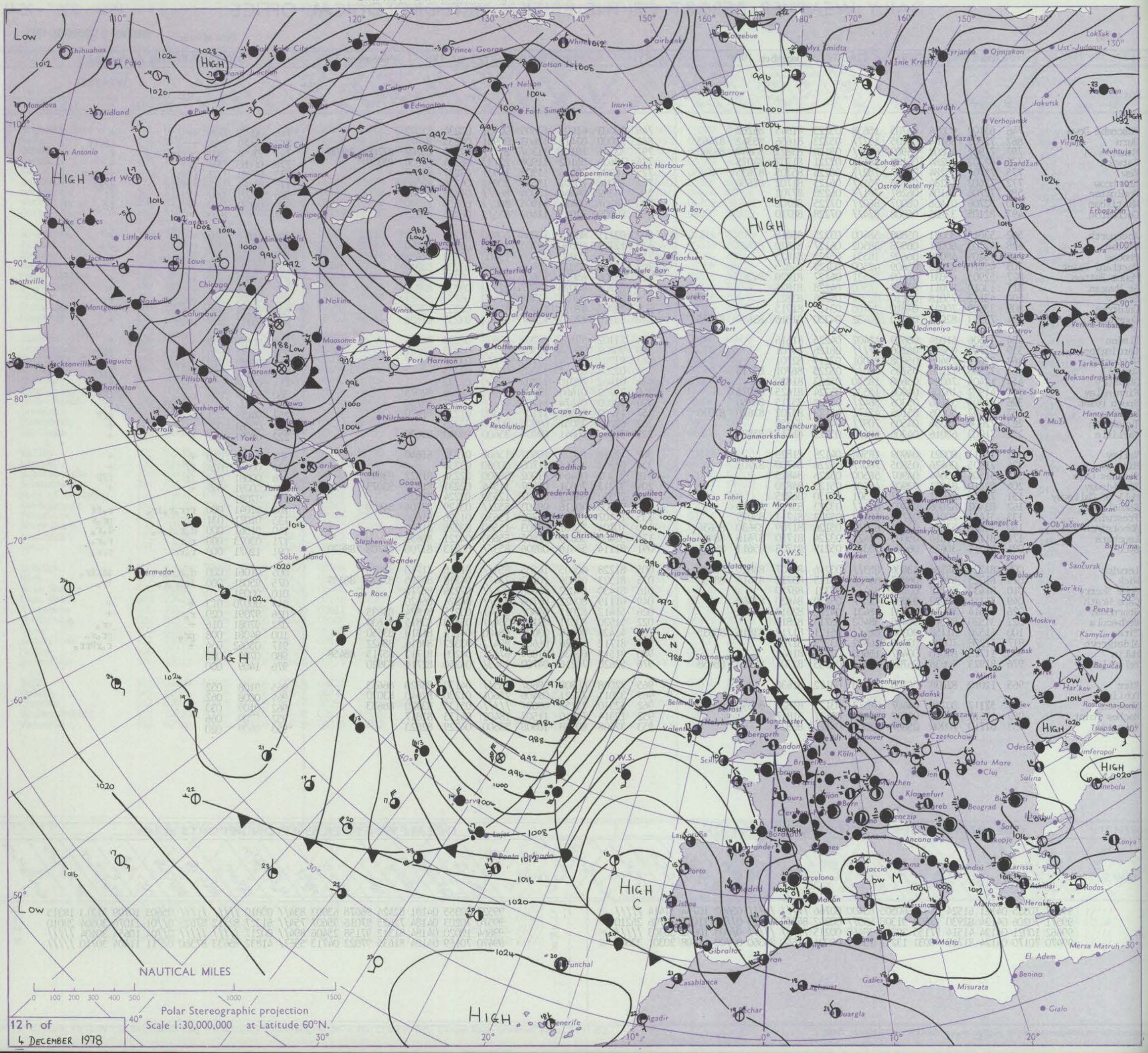
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	04121	61524	97078	60505	63400	00766	/////	/////	05402	10734	31414	/////
	99571	70206	04124	82930	97602	91308	853//	00242	84709	88625	0//07	11070	30706	26210
	99662	10021	04124	41514	97155	22808	39460	00215	/////	/////	0//03	10662	30303	/////
	99470	70170	04124	81719	98031	13211	15677	00001	81640	84360	0//08	11408	30301	32807

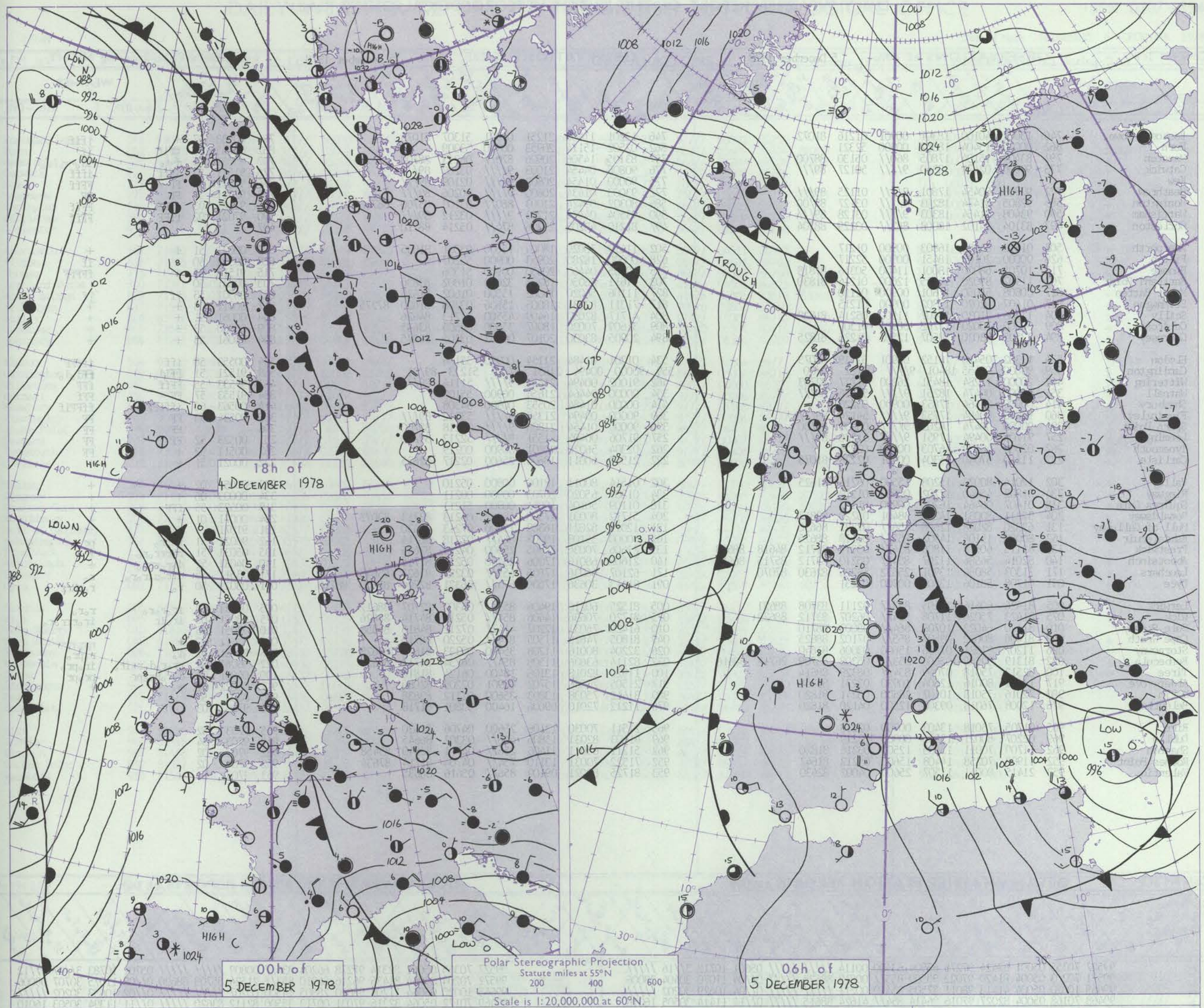
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	04181	82424	96078	63903	834//	00810	/////	/////	05603	10709	31213	18315
	99570	70203	04184	72625	97016	95607	754//	61327	82712	87625	0//01	11076	30504	28010
	99664	10020	04184	81312	97158	25406	894//	00217	/////	/////	0//04	10654	30404	/////
	99470	70169	04184	81635	97022	04713	5567/	41832	85633	87360	0//11	11404	30710	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 5 DECEMBER 1978

During the past 24 hours the anticyclone over Scandinavia has been maintained. A low northwest of the Hebrides has moved slowly north and filled whilst an associated occlusion has moved very slowly across eastern districts of Britain. Meanwhile an anticyclone over Spain has extended a weak ridge into England and Wales.

During the next 24 hours the Scandinavian anticyclone will move southwards but the ridge from Spain will collapse as a deep Atlantic low moves slowly east bringing its fronts into Ireland and southwest England.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — OBSERVATIONS at 00h. 5 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	13002	40100	18301	00901	01216	81072		
Hurn	862	00000	15404	18552	00900	52321			
Manston	797	83407	15104	17805	860//	05130	88700		
Gatwick	776	90000	02471	18350	9////	50127	89///		
Kew									
Heathrow	772	90903	00454	17801	9////	01125	89///		
Honington	586	92805	01474	18203	9////	03127	89/00		
Wattisham	590	93408	01454	18303	9////	03128	89///		
Gorleston	497	83104	24102	18003	862//	03229	88704		
Aberporth	502	01812	84020	16803	00900	01217			
Filton	628	00000	20100	18451	00900	52217			
Rhoose	715	10705	68020	18001	11400	50316	81818		
Hartland Point	703	11907	89020	16905	12600	01216	81830		
Mount Batten	827	00808	57050	17601	00900	01110			
St.Mawgan	817	01407	82020	17802	00900	01215			
Scilly	804	11906	81030	17607	11500	05214	81828		
Culdrose	809	00000	70020	17702	00900	01309			
Guernsey	894	23505	83020	18507	12502	01225	81825		
Elmdon	534	11302	05410	18152	00901	52119	81075		
Cardington	559	90000	00455	18401	9////	01122	89/00		
Wittering	462	20000	12284	18451	26200	51227	82703		
Watnall	354	90000	00474	18251	9////	52226	89///		
Shawbury	414	00000	01464	17853	00900	53220			
Finningley	360	90000	00494	17753	9////	54124	89///		
Spurn Point	396	90000	00474	18203	9////	03230	89/00		
Leeming	257	91708	00494	17951	9////	51226	89///		
Tynemouth	262	02006	40100	16703	00900	02226			
Carlisle	222	11510	57040	15304	00901	02228	81075		
Valley	302	12014	80020	15208	15500	05216	81625		
Ringway	334	01802	45040	17702	00900	01219			
Squires Gate	318	01407	06464	16701	00900	01122			
Ronaldsway	204	32211	80031	14208	38401	05220	83817		
Mull of Galloway	131	62320	82028	12608	656//	07227	86630		
Eskdalemuir	162	80000	15104	14902	855//	02118	88625		
Prestwick	135	82115	60618	11806	854//	05319	81712	84618	88628
Abbotsinch	140	82014	56586	11207	854//	05210	83712	85715	86618
Leuchars	171	71303	58056	13901	25632	53226	82630	87070	
Dyce	091	01708	58106	13803	00900	03231			
Lerwick	005	81426	60616	19105	853//	02111	83708	88621	
Wick	075	81423	75026	11708	854//	06207	83712	88622	
Sule Skerry	010	81120	64022	10708	864//	08003	88710		
Cape Wrath	049	81406	80022	09507	855//	07102	88625		
Stornoway	026	11207	82021	07806	15600	03006	81640		
Berbecula	022	81319	59588	05606	853//	05308	85709	86712	88616
Tiree	100	82513	75018	07009	854//	08329	88614		
Aldergrove	917	11911	80016	12504	10930	03231	81358		
Malin	980	22016	75018	10107	28500	05241	81820		
Belmullet	976	12008	76018	09308	12500	04120	81820		
Birr	965	01705	75018	13403	00900	02218			
Dublin	969	02207	80021	13905	00900	02219			
Shannon	962	11709	70011	13105	12500	03216	81820		
Roches Point	952	11908	70258	14408	15600	05212	81642		
Valentia	953	21415	80011	11507	25600	04002	82630		

OBSERVATIONS at 06h. 5 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	13201	11400	21251	00901	51307	81075		
Hurn	862	02502	15114	20953	00900	53309			
Manston	797	83105	14506	20906	870//	06213	88700		
Gatwick	776	90808	04454	21003	9////	03209	89///		
Kew	775	90000	01454	20902	9////	02109	89///		
Heathrow	772	93003	01434	20600	9////	00206	89///		
Honington	586	80302	05424	21003	860//	03109	85700	88706	
Wattisham	590	93504	04474	21203	9////	03212	89///		
Gorleston	497	81210	48205	21306	874//	05214	88710		
Aberporth	502	11619	70020	18004	15600	03801	81635		
Filton	628	00000	18280	20953	00900	53207			
Rhoose	715	00705	04460	20350	00900	51306			
Hartland Point	703	31611	86030	18204	32600	01802	83830		
Mount Batten	827	11106	56020	19002	15500	01602	81625		
St.Mawgan	817	71311	82031	18005	15506	03708	81620	87275	
Scilly	804	41717	82030	16409	45500	07713	84626		
Culdrose	809	31609	70020	18007	35600	03505	83635		
Guernsey	894	20905	83030	20107	00902	03105	82075		
Elmdon	534	01301	01484	21154	00900	55106			
Cardington	559	90000	00494	21851	9////	51213	89/01		
Wittering	462	91002	00494	21651	9////	51114	89///		
Watnall	354	00000	04464	21654	00900	55109			
Shawbury	414	00000	01484	20553	00900	54308			
Finningley	360	90000	00494	21353	9////	53312	89///		
Spurn Point	396	90000	01454	21803	9////	03218	89/00		
Leeming	257	91706	00494	21551	9////	52213	89/00		
Tynemouth	262	02304	56020	20601	00900	00219			
Carlisle	222	21507	60011	18604	25600	02217	82635		
Valley	302	01514	80011	18106	00900	05210			
Ringway	334	01307	65020	20703	00900	00211			
Squires Gate	318	01109	50104	19851	00900	51211			
Ronaldsway	204	51712	80031	17308	48402	06213	83713	83073	
Mull of Galloway	131	12013	82021	16308	15600	07213	81630		
Eskdalemuir	162	80000	35108	19003	864//	02218	88714		
Prestwick	135	21606	70036	16805	25500	04219	82625		
Abbotsinch	140	21606	68016	17006	25400	05224	81715		
Leuchars	171	62107	66036	17805	655//	03225	83622	85645	
Dyce	091	81613	30636	17606	873//	06321	82706	85708	88710
Lerwick	005	81525	60216	19406	853//	04302	82707	88612	
Wick	075	81720	70636	14406	854//	05212	84714	88626	
Sule Skerry	010	61420	76031	12207	4147/	07212	84815	86358	
Cape Wrath	049	81805	74616	11505	874//	05220	88715		
Stornoway	026	32204	80016	11208	35400	08323	81614	83628	
Berbecula	022	82114	63606	11508	854//	06234	84712	88624	
Tiree	100	11920	82018	13108	18400	06124	81816		
Aldergrove	917	21505	70030	15702	00901	02209	82080		
Malin	980	31412	75038	13803	35600	02112	83638		
Belmullet	976	11212	72010	09606	16400	03801	81718		
Birr	965	21511	70030	13106	25600	04706	82630		
Dublin	969	61603	82031	15806	656//	03302	86645		
Shannon	962	51211	65011	11406	2567/	04711	82640	85458	
Roches Point	952	71522	70031	13110	754//	04704	81714	87634	
Valentia	953	81725	80021	09109	856//	05616	88635		

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_E$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00533	57	+	jfif
Hurn	862	00553	57	jif	if
Manston	797	95051	05	fd.	d.rid.
Gatwick	776	91511	53	ifff	ifff
Kew	775	91511	54	FF	FFff
Heathrow	772	92511	53	FF	FF
Honington	586	91021	03	ffFF	FFff
Wattisham	590	97021	02	ffFF	FFff
Gorleston	497				
Aberporth	502	00021	51	+	+
Filton	628	00553	60	+	if
Rhoose	715	91513	55	+	fFFfF
Hartland Point	703	00031	50		
Mount Batten	827	00501	53	jf	jf
St.Mawgan	817	00011	53	+	+
Scilly	804	00061	51	+	+
Culdrose	809	00000	53	+	+
Guernsey	894	00061	53	+	+
Elmdon	534	00553	58	iff	ifFF
Cardington	559	91521	51	Ffid.	Ffd.d.
Wittering	462	97533	55	FFff	fFF
Watnall	354	91553	57	FF	FFf
Shawbury	414	00563	60	ifffFF	ffFFif
Finningley	360	00534	55	FF	FF
Spurn Point	396			FF	FF
Leeming	257	00523	52	FF	FF
Tynemouth	262	00511	52	+	FF
Carlisle	222	00021	51	+	+
Valley	302	00051	02	+	+
Ringway	334	00003	56	+	+
Squires Gate	318	00523	55	fFF	+
Ronaldsway	204	00071	01	+	+
Mull of Galloway	131	91071			
Eskdalemuir	162	96021	51	ffpr.	pr
Prestwick	135	05031	51	rRrrr.r.	+
Abbotsinch	140	04031	51	d.r.rrr.	+
Leuchars	171	03511	55	ifr.s.r.r.	r.
Dyce	091	03021	50	r.	r.rRrr
Lerwick	005	01031	03	ir.r.r.	r.r.
Wick	075	03061	03	ir.ir	ir.rrr.r.
Sule Skerry	010	92051	05		
Cape Wrath	049	02042	02	+	r.r.rr
Stornoway	026	92051	02	d.	r.pr.
Berbecula	022	96061	02	pr.r.d.r.ir.	ir.pr.
Tiree	100	04061	05	d.r.Rr.pr	pr.pr
Aldergrove	917	00022	51	+	+
Malin	980	0303	50		
Belmullet	976	9705	03		
Birr	965	9703	52		
Dublin	969	9703	54		
Shannon	962	9703	02		
Roches Point	952	9706	02		
Valentia	953	9703	01		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05001	62424	97278	67904	63400	00114	/////	/////	05601	10712	3//16	/////
L	99571	70203	05004	81420	97022	93509	855//	00818	88625	/////	0//04	11070	30404	28006
M	99665	10020	05004	41413	98011	27505	35410	00211	/////	/////	0//04	10629	30202	/////
R	99468	70168	05004	82027	97016	96414	854//	41624	88615	/////	0//14	11414	30505	16016

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05061	82314	97278	66204	834//	00809	/////	/////	05701	10783	3//07	///12
L	99572	70204	05064	81436	96216	86910	853//	21524	85708	88620	0//08	11075	30707	09006
M	99665	10020	05064	11208	98020	28805	14500	00207	/////	/////	0//02	10633	30202	/////
R	99469	70172	05064	32316	97031	00713	35500	82112	83620	/////	0//11	11394	30503	16010

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42748

Date of Issue WEDNESDAY 6 DECEMBER 1978

Code FM 11.V — OBSERVATIONS at 12h. 5 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	91007	01455	23100	9////	50003	89/00		
Hurn	862	90603	01474	22503	9////	03002	89///		
Manston	797	80709	40055	23706	863//	05010	88708		
Gatwick	776	90904	03454	23605	9////	05004	89///		
Kew	775	90000	03454	23504	9////	04104	89///		
Heathrow	772	93302	01474	23404	9////	04004	89///		
Honington	586	80602	15104	24304	860//	04110	88701		
Wattisham	590	80205	07464	24305	851//	05111	84702	88612	
Gorleston	497	81310	56022	24806	864//	03216	88710		
Aberporth	502	71420	72031	18306	18478	03804	81815	85363	87272
Filton	628	71205	25051	22203	20912	02001	82467	87070	
Rhoose	715	70709	35054	21004	10976	03803	81360	87270	
Hartland Point	703	71011	74021	18607	2261/	04801	82830	87460	
Mount Batten	827	71515	83011	18911	21578	05805	82825	85362	87275
St.Mawgan	817	71518	70032	17809	11578	04802	81820	85360	87275
Scilly	804	81822	75021	16411	7551/	09500	87621	88460	
Culdrose	809	71613	70021	17909	3851/	03000	81820	83640	87460
Guernsey	894	71212	82021	20410	14652	04804	81640	85360	87075
Elmdon	534	90802	00494	23751	9////	51007	89///		
Cardington	559	80702	15285	24103	862//	03002	88705		
Wittering	462	92402	01434	24501	9////	00104	89///		
Watnall	354	90703	00494	24451	9////	51007	89///		
Shawbury	414	70902	09444	22300	00902	50000	87072		
Finningley	360	90000	01454	24351	9////	51007	89///		
Spurn Point	396	90000	01474	24704	9////	04011	89/00		
Leeming	257	91610	00494	24751	9////	51012	89///		
Tynemouth	262	72007	04424	23802	756//	02212	87630		
Carlisle	222	71508	80031	22006	15632	02114	81640	84362	86075
Valley	302	71415	83021	19407	18438	03000	81818	87272	
Ringway	334	71104	58041	23105	15736	02008	81656	87072	
Squires Gate	318	71309	40041	22204	10931	02007	81360	87075	
Ronaldsway	204	71615	82032	19609	12536	03004	81823	83359	87070
Mull of Galloway	131	61621	78011	18308	625//	07208	86820		
Eskdalemuir	162	81505	68032	22005	35572	02011	83625	85360	
Prestwick	135	81613	70021	19707	18577	04108	81820	86070	88275
Abbotsinch	140	71407	65021	20208	38432	05112	81816	87072	
Leuchars	171	71608	66012	21907	25606	04116	82640	87070	
Dyce	091	71708	62216	21907	755//	06018	82620	86640	87650
Lerwick	005	81422	20656	21706	6722/	06107	86705	88515	
Wick	075	51712	70056	20208	11532	05225	81820	83359	
Sule Skerry	010	61810	82018	18308	32571	07235	83825	85358	
Cape Wrath	049	41908	81016	17508	35571	06135	83625	84360	
Stornoway	026	71815	80028	16609	28532	05120	82820	84360	86070
Benbecula	022	71617	80028	15108	48402	05215	82815	83619	87070
Tiree	100	61622	72251	16009	48432	06111	81712	83640	85072
Aldergrove	917	71411	75021	16907	1557/	04003	81625	87462	
Malin	980	71413	80021	15107	18436	04801	81717	83360	86272
Belmullet	976	81317	72606	08808	7647/	05704	85716	86638	88459
Birr	965	81416	80021	12909	6557/	04805	86628	88461	
Dublin	969	81515	70602	16509	6547/	06001	83715	85622	87400
Shannon	962	81418	82602	10910	6567/	06810	86645	88459	
Roches Point	952	81527	45608	12710	7742/	07605	87710	88550	
Valentia	953	81526	64606	06910	7652/	07810	87721	88459	

OBSERVATIONS at 18h. 5 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	90912	01434	22303	9////	03002	89/00		
Hurn	862	80706	22104	21405	862//	05601	84704	88705	
Manston	797	80905	35052	24605	863//	03209	82709	88711	
Gatwick	776	50909	30044	23206	56300	05302	85706		
Kew	775	70907	50054	23306	764//	04204	87712		
Heathrow	772	71105	28104	23006	754//	05003	85710	87613	
Honington	586	81105	35052	24804	864//	03010	88713		
Wattisham	590	81009	30054	24804	864//	02309	88710		
Gorleston	497	81012	58022	25705	864//	01313	88710		
Aberporth	502	81527	70032	16707	8097/	04511	88363		
Filton	628	80910	07422	22002	861//	02801	88702		
Rhoose	715	80812	04464	20303	860//	03503	88700		
Hartland Point	703	81106	76022	17608	4152/	04501	84825	88460	
Mount Batten	827	71514	68022	18210	41438	06501	83818	83362	87270
St.Mawgan	817	71419	80022	16209	70978	03801	87460		
Scilly	804	81722	62602	13711	6742/	10305	86710	88460	
Culdrose	809	61514	68012	16209	58480	05504	81816	85640	86360
Guernsey	894	71216	60022	19408	6637/	06504	82709	85710	86359
Elmdon	534	90000	01474	23601	9////	01204	89///		
Cardington	559	81106	25284	23605	864//	05001	88710		
Wittering	462	80803	06424	23804	860//	04000	86700	88701	
Watnall	354	90602	01454	24701	9////	00206	89///		
Shawbury	414	91003	00474	22701	9////	01103	89///		
Finningley	360	93302	01454	24200	9////	00001	89///		
Spurn Point	396	81309	58104	25006	865//	06104	88721		
Leeming	257	92102	00514	25100	9////	00007	89///		
Tynemouth	262	91812	00454	24802	9////	02308	89/02		
Carlisle	222	61007	70022	22003	20932	50001	82362	86072	
Valley	302	81214	82032	18107	8097/	01710	88460		
Ringway	334	71307	25041	23003	20928	01005	82465	87272	
Squires Gate	318	71208	28041	22201	40932	00203	84360	87072	
Ronaldsway	204	81324	60022	18408	1557/	04508	81620	88360	
Mull of Galloway	131	71630	74021	16408	756//	04713	87630		
Eskdalemuir	162	60000	60022	22501	00902	52002	86072		
Prestwick	135	71410	70012	19805	15638	01302	81640	84360	87270
Abbotsinch	140	80607	58042	20504	8092/	03803	88464		
Leuchars	171	71208	80032	22404	20932	02005	82362	87270	
Dyce	091	71514	45052	23406	653/2	05309	81708	83714	85618
Lerwick	005	81520	50606	24107	853//	06111	83706	88613	
Wick	075	51617	70051	21807	15432	05208	81710	85070	
Sule Skerry	010	81412	80022	19508	2257/	07301	82825	88358	
Cape Wrath	049	61409	80011	18205	5551/	05400	85625	86460	
Stornoway	026	71414	80022	16508	48532	05802	82820	83630	86360
Benbecula	022	81629	80022	14108	6552/	05804	86621	88465	
Tiree	100	71430	65022	14908	35426	06706	83616	86462	87270
Aldergrove	917	81412	70026	15907	1557/	05506	81620	83359	88460
Malin	980	81325	75032	13708	3647/	05506	83717	88460	
Belmullet	976	81317	68606	06309	6647/	06710	85716	84636	88459
Birr	965	81325	62606	09809	6642/	05815	85713	84623	88458
Dublin	969	81519	65026	15010	864//	05303	84717	84720	87625
Shannon	962	81522	70216	07810	864//	07711	82713	85718	86625
Roches Point	952	81327	50616	09010	7732/	09710	87708	88532	
Valentia	953	81620	58216	04312	864//	11509	88715		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97051	000	ifd$_o$FF	FFf
Hurn	862	97071	000	fFFff	ffd$_o$
Manston	797	00071	000	+	+
Gatwick	776	00061	000	ffif	+
Kew	775	00071	000	ff	+
Heathrow	772	97061	000	FFff	d$_o$
Honington	586	00051	000	f	+
Wattisham	590	00051	000	ff	+
Gorleston	497		000		
Aberporth	502	00071	001	+	+
Filton	628	97041	006	ff	ff
Rhoose	715	00051	006	Ff	if
Hartland Point	703	00081	009		
Mount Batten	827	00111	004	+	+
St.Mawgan	817	00101	000	+	+
Scilly	804	97111	000	+	ir$_o$
Culdrose	809	00100	000	+	+
Guernsey	894	00101	025	+	+
Elmdon	534	97041	000	FFf	fFffFF
Cardington	559	97051	000	d$_o$d$_o$FFff	f
Wittering	462	97051	000	FF	FFf
Watnall	354	92021	000	FFf	Fff
Shawbury	414	00021	000	ffFF	FF
Finningley	360	91011	000	FF	FF
Spurn Point	396			FFff	+
Leeming	257	93011	000	FF	d$_o$d$_o$FF
Tynemouth	262	00031	000	FF	FF
Carlisle	222	00061	023	+	+
Valley	302	00091	000	+	+
Ringway	334	00071	024	+	+
Squires Gate	318	00051	008	+	+
Ronaldsway	204	00091	002	+	+
Mull of Galloway	131	00081			
Eskdalemuir	162	00051	007	+	+
Prestwick	135	00071	004	+	+
Abbotsinch	140	00081	004	+	+
Leuchars	171	00071	005	+	+
Dyce	091	91081	000	r$_o$	+
Lerwick	005	08071	000	r$_o$r$_o$RR	ir$_o$
Wick	075	00081	018	+	+
Sule Skerry	010	91091			
Cape Wrath	049	97081	011	r$_o$	+
Stornoway	026	92091	001	pr$_o$	+
Benbecula	022	00091	000	+	+
Tiree	100	97101	000	pr$_o$	+
Aldergrove	917	97082	000	r$_o$	+
Malin	980	0008	000		
Belmullet	976	0109	000		
Birr	965	9709	000		
Dublin	969	9710	000		
Shannon	962	9710	000		
Roches Point	952	0410	000		
Valentia	953	0412	000		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 12h.

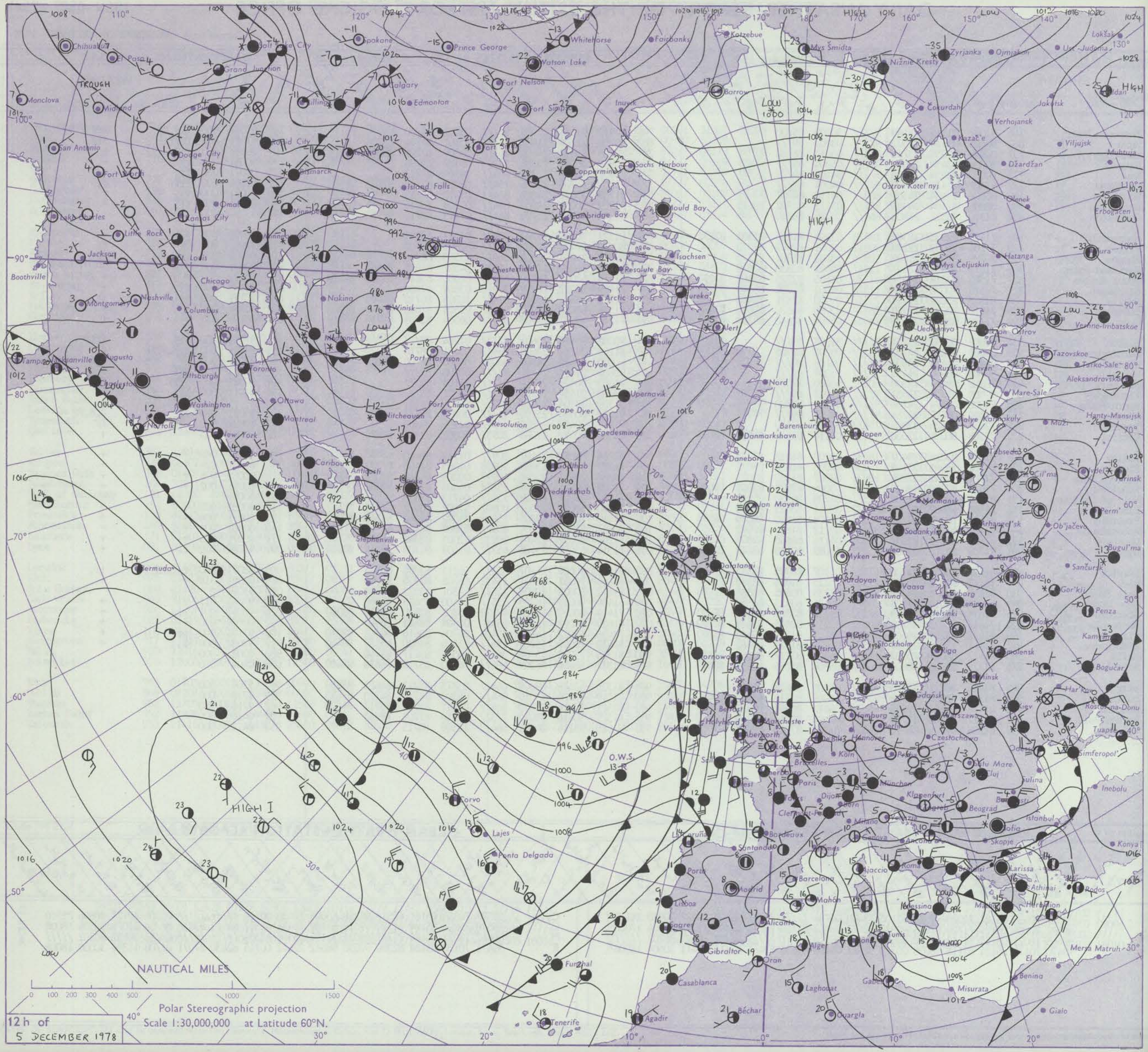
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05121	72020	97028	61105	73400	00736	/////	/////	05403	10723	30910	24112
L	99572	70204	05124	71720	97806	90507	4247/	00212	82710	83816	0//07	11078	30504	17008
M	99665	10021	05124	31312	98030	30605	22520	00210	/////	/////	0//02	10615	30202	/////
R	99470	70172	05124	82118	98038	00713	32612	00102	83830	83461	0//11	11411	30504	18008

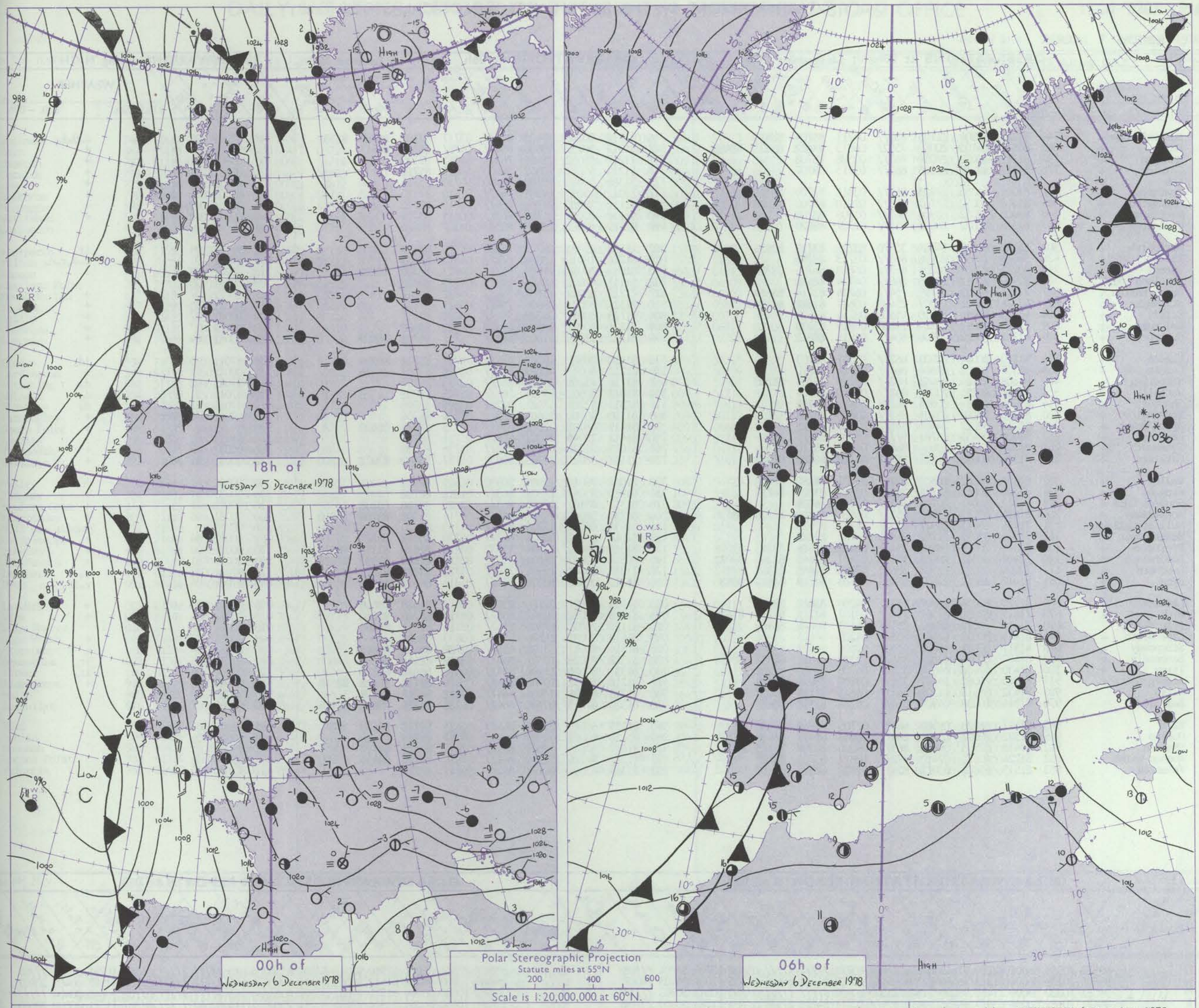
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05181	42513	98258	65005	23430	00129	/////	/////	05301	10727	30606	25210
L	99570	70203	05184	51720	97038	93109	49431	41307	81912	83816	0//04	11079	30504	18008
M	99662	10021	05184	21707	98021	31105	25500	42304	/////	/////	0//51	10632	30202	/////
R	99471	70170	05184	82309	97038	98512	22672	00713	82830	87071	0//08	11391	30000	18008

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 6 December 1978

During the past 24 hours a southerly flow has been maintained over the British Isles between an almost stationary anticyclone over southern Scandinavia, with a ridge to Spain, and a deep depression in mid-Atlantic. A frontal trough later moved east to affect southwestern districts of England and Ireland.

During the next 24 hours the Scandinavian anticyclone is expected to move slowly east, and the Atlantic low deepen and also move east, with the southerly winds over the British Isles gradually strengthening. Troughs of low pressure will continue to affect western districts.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — **OBSERVATIONS at 00h.** 6 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	81212	35504	21105	852//	04711	86704	88614	
Hurn	862	80811	56105	20007	7552/	06813	82622	86627	88460
Manston	797	81311	30052	24004	863//	02508	88708		
Gatwick	776	81213	42042	22305	863//	03715	88707		
Kew									
Heathrow	772	81006	50055	21905	863//	03814	82709	88711	
Honington	586	81108	50052	23703	863//	02610	88709		
Wattisham	590	81008	22052	23904	863//	02708	88708		
Gorleston	497	81318	60022	24605	855//	02707	88620		
Aberporth	502	51520	65012	14807	35470	05721	82712	83650	85359
Filton	628	81012	18054	20106	863//	05713	88707		
Rhoose	715	80915	40104	18206	863//	05818	86706	88708	
Hartland Point	703	81909	74022	15008	846//	04714	88630		
Mount Batten	827	71317	68022	15709	754//	06716	83714	86624	
St.Mawgan	817	41426	65021	13009	25408	05627	82612	84270	
Scilly	804	41725	60016	10610	45500	08716	84623		
Culdrose	809	21315	68011	13309	25600	06819	82635		
Guernsey	894	81321	68022	16908	854//	04818	88612		
Elmdon	534	81210	30044	22003	862//	03507	88703		
Cardington	559	81307	30052	22804	864//	03714	88710		
Wittering	462	81108	45104	23403	862//	03709	83704	88706	
Watnall	354	81210	40284	23003	862//	02710	88704		
Shawbury	414	81208	14284	20804	862//	04613	88703		
Finningley	360	81206	28104	23303	863//	03608	88708		
Spurn Point	396	81316	60022	24405	855//	03706	88621		
Leeming	257	90000	00455	23701	9////	01810	89//		
Tynemouth	262	81707	23104	23604	864//	04607	88710		
Carlisle	222	71309	60022	21203	40932	01710	84360	87072	
Valley	302	81107	75022	16807	8097/	04607	88460		
Ringway	334	71108	30042	21704	763//	02510	83708	86711	
Squires Gate	318	61312	56041	20704	663//	03710	86709		
Ronaldsway	204	81324	59042	17907	853//	05504	81706	85708	88650
Mull of Galloway	131	71434	66012	15907	755//	04713	87620		
Eskdalemuir	162	71302	65032	21702	00906	00707	87271		
Prestwick	135	71508	70012	18605	25432	02809	82616	83360	87075
Abbotsinch	140	70909	58042	19803	15632	01807	81645	83360	87072
Leuchars	171	70604	59022	22503	35672	02000	83640	85362	87072
Dyce	091	81411	35212	22807	854//	06706	83710	84614	88630
Lerwick	005	81520	62036	25807	854//	04208	85615	88635	
Wick	075	71615	62051	22507	754//	03107	82712	85715	87626
Sule Skerry	010	81419	70022	19907	2557/	06105	82620	88460	
Cape Wrath	049	81815	80032	17507	855//	04203	88625		
Stornoway	026	41311	80021	16608	45500	02803	84622		
Benbecula	022	81527	80022	13807	1557/	02710	81620	86358	88465
Tiree	100	81430	62602	14008	3552/	04708	83620	88461	
Aldergrove	917	81515	75022	14707	3567/	04803	83646	88459	
Malin	980	81432	65616	11307	3647/	05612	82716	88458	
Belmullet	976	81314	70036	04909	854//	08203	83718	88637	
Birr	965	81517	66026	09509	6642/	07705	86712	88458	
Dublin	969	81522	70022	13209	864//	06503	85718	88630	
Shannon	962	81418	62505	06910	863//	09000	82708	84715	88650
Roches Point	952	81224	40615	07410	872//	10812	83705	88707	
Valentia	953	81515	65808	03012	824//	11820	88818		

OBSERVATIONS at 06h. 6 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	81118	30105	17403	861//	03717	82702	86703	88704
Hurn	862	81013	58052	16806	854//	04707	85710	88617	
Manston	797	71217	56052	21401	763//	51612	87709		
Gatwick	776	51213	45042	20002	56400	51611	85710		
Kew	775	51306	50052	19702	56400	50710	85713		
Heathrow	772	71012	45052	19303	764//	01810	87710		
Honington	586	81111	38052	21303	864//	01615	88710		
Wattisham	590	81116	30052	21703	863//	00615	88709		
Gorleston	497	81519	60022	22805	855//	01707	88620		
Aberporth	502	11528	62021	10207	15500	04725	81621		
Filton	628	81216	18516	16005	872//	04623	88705		
Rhoose	715	81018	50052	14607	853//	04622	87709	88620	
Hartland Point	703	51117	66022	10407	515//	04729	85825		
Mount Batten	827	71219	65012	11508	754//	05722	87612		
St.Mawgan	817	71329	62021	09008	754//	05621	87612		
Scilly	804	71723	60021	06209	754//	08723	87615		
Culdrose	809	61221	60021	09208	65600	06721	86630		
Guernsey	894	81221	61022	12605	862//	04731	86705	88709	
Elmdon	534	81110	20502	18503	871//	02719	85702	88704	
Cardington	559	61212	40052	20103	653//	01814	83707	86616	
Wittering	462	81114	45205	20603	863//	02713	88707		
Watnall	354	81012	30502	19903	861//	02715	88702		
Shawbury	414	81311	23202	17503	862//	02619	88705		
Finningley	360	81110	40102	20603	862//	02714	88704		
Spurn Point	396	81419	58022	22005	854//	02715	85713	88620	
Leeming	257	81412	28044	21002	863//	01711	88707		
Tynemouth	262	81623	61022	20205	855//	03726	88620		
Carlisle	222	71107	58022	17903	30932	01717	83360	87072	
Valley	302	21007	70011	12805	20930	01619	82359		
Ringway	334	81312	35042	18803	863//	01816	88708		
Squires Gate	318	81317	45102	17503	863//	03820	83706	88708	
Ronaldsway	204	81230	58042	14206	863//	04716	81706	83708	88710
Mull of Galloway	131	81638	66022	12305	855//	04713	88620		
Eskdalemuir	162	81010	60022	18502	663/7	00720	86709	88270	
Prestwick	135	71319	68012	15504	15572	02715	81620	83358	86075
Abbotsinch	140	70810	60042	16404	15532	02717	81620	85360	87072
Leuchars	171	71316	65022	19506	754//	03720	83712	87616	
Dyce	091	81315	57056	20406	854//	04814	84615	88626	
Lerwick	005	81421	62022	24106	854//	02611	83618	88640	
Wick	075	81416	72052	20107	854//	04713	86714	88630	
Sule Skerry	010	81120	70032	17508	2547/	08714	82615	88460	
Cape Wrath	049	81418	80032	14206	855//	05833	88625		
Stornoway	026	61314	80021	13108	655//	02720	82625	85640	
Benbecula	022	81528	75026	10707	854//	03819	82616	86637	
Tiree	100	81331	60606	11407	854//	04816	86617	88627	
Aldergrove	917	81216	57032	10907	854//	05624	81710	85712	87615
Malin	980	81233	65106	07808	4647/	05812	84717	88459	
Belmullet	976	81320	67615	00308	6642/	06736	84716	85636	88458
Birr	965	81325	66026	03409	864//	06635	86710	88630	
Dublin	969	81428	80022	08509	864//	05727	86714	87626	
Shannon	962	81427	57615	99809	864//	07641	83712	88717	
Roches Point	952	81239	57106	01210	864//	07634	85716	88635	
Valentia	953	81328	62636	94111	864//	09747	88719		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97011	01	d_od_o	d_od_of
Hurn	862	00051	04	+	+
Manston	797	00003	51	+	+
Gatwick	776	00011	51	+	+
Kew	775	00011	52	+	+
Heathrow	772	97001	51	d_o	+
Honington	586	00021	00	+	+
Wattisham	590	00011	50	+	+
Gorleston	497				
Aberporth	502	97051	05	+	ir_o
Filton	628	97031	01	+	$d_od_or_od_o$
Rhoose	715	00041	03	+	+
Hartland Point	703	00061	05		
Mount Batten	827	00071	07	+	+
St.Mawgan	817	00071	05	+	+
Scilly	804	00081	07	+	+
Culdrose	809	00070	07	+	+
Guernsey	894	00041	04	+	+
Elmdon	534	97011	00	f	id_o
Cardington	559	00011	51	+	+
Wittering	462	97021	02	+	d_o
Watnall	354	97011	51	Fff	d_o
Shawbury	414	97011	51	FFf	d_o
Finningley	360	00011	01	FFf	+
Spurn Point	396			+	+
Leeming	257	91011	01	FF	+
Tynemouth	262	00031	02	+	+
Carlisle	222	00031	51	+	+
Valley	302	00031	51	+	+
Ringway	334	00031	51	+	+
Squires Gate	318	00021	51	+	+
Ronaldsway	204	00051	05	+	+
Mull of Galloway	131	00051			
Eskdalemuir	162	00001	54	+	+
Prestwick	135	00031	02	+	+
Abbotsinch	140	00021	51	+	+
Leuchars	171	97021	52	+	r_o
Dyce	091	97061	04	r_o	r_oir_o
Lerwick	005	00061	05	+	+
Wick	075	00071	04	+	+
Sule Skerry	010	00061	06		
Cape Wrath	049	00051	03	+	+
Stornoway	026	00061	04	+	+
Benbecula	022	91071	05	+	ir_o
Tiree	100	97061	06	ir_o	ir_o
Aldergrove	917	00061	05	+	+
Malin	980	9506	06		
Belmullet	976	0308	07		
Birr	965	0208	07		
Dublin	969	0009	08		
Shannon	962	0508	07		
Roches Point	952	0809	08		
Valentia	953	2310	09		

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_a$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06001	82210	97618	64205	8742/	00721	/////	/////	05304	10705	3//04	///08
L	99569	70203	06004	81312	96588	92308	854//	00709	84712	88625	0//05	11081	30403	18007
M	99661	10020	06004	21416	98020	31505	25500	00400	/////	/////	0//50	10642	30303	/////
R	99471	70169	06004	83014	96258	96610	894//	00711	84710	87930	0//09	11385	30000	23704

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_a$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06061	62510	98015	62305	65500	00010	/////	/////	05301	10725	3//04	///07
L	99569	70203	06064	01613	98026	91109	00900	00605	/////	/////	0//02	11082	30402	20907
M	99662	10020	06064	81521	97021	30307	855//	00703	/////	/////	0//02	10640	30404	/////
R	99471	70168	06064	21914	97031	93411	25600	51714	82640	/////	0//07	11371	30000	28605

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42749

Date of Issue THURSDAY 7 DECEMBER 1978

OBSERVATIONS at 12h. 6 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71117	47052	14203	763//	01822	86708	87711	
Hurn	862	71113	50052	13306	664/2	03724	85712	87070	
Manston	797	51215	45052	18602	00901	51719	85075		
Gatwick	776	51013	45042	16503	11401	51823	81815	85072	
Kew	775	61010	56052	16503	00901	52822	86075		
Heathrow	772	61009	48051	16203	00901	50721	86075		
Honington	586	61115	56051	18404	00902	51817	86078		
Wattisham	590	51219	56051	18804	00902	51816	85075		
Gorleston	497	31422	60021	19506	00901	01715	83075		
Aberporth	502	71530	62026	05706	60978	02734	86362	87272	
Filton	628	71024	50055	13002	46408	51822	84712	87275	
Rhoose	715	80918	45052	11504	863//	02821	83708	88710	
Hartland Point	703	71332	66052	05007	11534	04523	81825	85360	87075
Mount Batten	827	71120	60052	08208	35408	05811	83618	87278	
St.Mawgan	817	71227	57022	05408	654/8	05714	86610		
Scilly	804	71622	58022	03009	6541/	08714	86615		
Culdrose	809	81120	58052	05509	6547/	06819	81710	86622	88462
Guernsey	894	71218	59052	09405	26332	03724	82706	86075	
Elmdon	534	71010	50045	16102	16301	51718	81709	87070	
Cardington	559	61113	56052	17103	00902	50821	86075		
Wittering	462	51113	50052	17803	16401	01819	81711	85075	
Watnall	354	70913	35055	16902	36401	01823	83710	87075	
Shawbury	414	71213	35042	14403	36432	51722	83711	86360	85070
Finningley	360	71213	56052	17803	654/2	01820	83710	84628	86075
Spurn Point	396	51323	56012	19106	11561	03714	81820	85360	
Leeming	257	81510	36042	18403	863//	01716	81708	88710	
Tynemouth	262	71725	40052	18405	5557/	02816	85620	87358	
Carlisle	222	71004	60022	14804	15442	00820	81615	87072	
Valley	302	70913	80021	07708	15678	02831	81640	87270	
Ringway	334	71111	50042	15003	25672	51827	82640	85359	87070
Squires Gate	318	71421	58042	13504	15672	50727	81645	83362	87070
Ronaldsway	204	71127	45042	10206	763//	04824	82708	87710	
Mull of Galloway	131	81645	65022	07505	855//	04727	88620		
Eskdalemuir	162	71406	60052	15703	30942	53718	83360	87072	
Prestwick	135	81328	65032	10604	25477	01730	81712	85359	87362
Abbotsinch	140	80813	57042	12805	35477	02824	81712	86359	88268
Leuchars	171	61318	60056	16806	35431	02819	83618	85075	
Dyce	091	81416	57052	18407	7547/	03816	82618	87622	
Lerwick	005	81522	70022	22706	854//	01705	85618	88625	
Wick	075	81521	58052	17407	7847/	02713	83818	86632	88359
Sule Skerry	010	81430	58102	14307	885//	07819	88825		
Cape Wrath	049	71427	75022	10606	655/1	06725	86625	87070	
Stornoway	026	71216	81212	08809	4567/	03733	84640	86361	87465
Benbecula	022	71328	81012	04709	5567/	03848	83630	84650	85359
Tiree	100	81335	61016	06407	5547/	04730	82715	84630	86360
Aldergrove	917	81215	50042	08106	863//	04504	85708	88710	
Malin	980	81236	56102	03507	6642/	04517	84716	85650	88459
Belmullet	976	81430	60586	96609	7642/	07306	84719	85635	88460
Birr	965	81520	62022	01810	864//	06801	87712	87627	
Dublin	969	71428	58102	04708	65402	04814	83717	85638	85070
Shannon	962	81426	65616	98410	4742/	07806	84718	88540	
Roches Point	952	81224	50606	00510	7742/	08805	87710	88537	
Valentia	953	81420	56636	94311	864//	09809	88717		

OBSERVATIONS at 18h. 6 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	61018	40052	10301	36401	51813	83710	85075	
Hurn	862	71011	56052	09005	16402	02717	81712	87075	
Manston	797	61322	56052	14603	00901	52610	86075		
Gatwick	776	60911	50042	12900	00901	52708	86075		
Kew	775	51012	40052	12901	00901	52708	85075		
Heathrow	772	60912	42052	12501	00902	52806	86075		
Honington	586	51010	32051	14502	00902	50816	85078		
Wattisham	590	41116	34051	15003	00902	51716	84075		
Gorleston	497	21325	60020	16306	20910	01713	82460		
Aberporth	502	71425	58052	02503	15778	51707	81656	85363	87272
Filton	628	71121	45052	09302	55402	51611	85614	87075	
Rhoose	715	80819	56052	07104	854//	01813	88611		
Hartland Point	703	71320	64032	02207	5561/	04509	85646	87460	
Mount Batten	827	71112	60052	04707	754//	05502	87614		
St.Mawgan	817	81221	57022	02608	853//	05802	83709	88612	
Scilly	804	81722	50636	99010	873//	09716	88709		
Culdrose	809	81316	57606	01709	2732/	06812	82706	88462	
Guernsey	894	71420	60052	06105	36432	02708	83712	87075	
Elmdon	534	51112	56042	11801	00901	52715	85070		
Cardington	559	61213	56052	13301	00902	50709	86075		
Wittering	462	61009	40052	14301	00901	51607	86075		
Watnall	354	60912	30052	13401	00901	51714	86075		
Shawbury	414	71003	28042	10601	20948	51613	82359	87270	
Finningley	360	61008	50052	13800	20942	50717	82362	86075	
Spurn Point	396	41225	58011	15806	40970	04610	84460		
Leeming	257	71502	27042	14602	00902	02717	87070		
Tynemouth	262	41635	61022	14207	45600	04721	84630		
Carlisle	222	81006	60022	11903	35777	51811	83650	85364	88270
Valley	302	71220	75022	03608	20978	54727	82360	87270	
Ringway	334	51212	56042	10903	10941	53716	81362	85070	
Squires Gate	318	61111	56042	09601	20931	51717	82365	86075	
Ronaldsway	204	71230	50042	06306	20938	02723	82360	87275	
Mull of Galloway	131	71645	60012	03506	755//	01843	87620		
Eskdalemuir	162	81307	60052	12202	8097/	54715	83360	88462	
Prestwick	135	81411	65022	07404	3552/	54622	81625	83656	88460
Abbotsinch	140	80815	58042	09604	6577/	52615	86650	88462	
Leuchars	171	51421	57051	13506	15432	03705	81615	83362	85070
Dyce	091	81414	50052	15007	7542/	03715	82615	87618	
Lerwick	005	81425	65022	19506	854//	02711	83615	88630	
Wick	075	81620	59052	14507	7543/	03711	82619	87624	
Sule Skerry	010	81437	58022	10007	3647/	07724	83710	88460	
Cape Wrath	049	51418	80012	07207	55500	04724	85625		
Stornoway	026	61213	75012	05408	3567/	02512	83635	83465	
Benbecula	022	71531	80022	02008	45632	51714	82630	83645	86075
Tiree	100	81437	61012	03007	3577/	00712	83650	88465	
Aldergrove	917	71121	40042	03106	26438	03725	82712	84359	87270
Malin	980	71336	57102	99706	16432	02631	81716	85359	85070
Belmullet	976	81321	60615	93508	3642/	06720	83715	88545	
Birr	965	81313	62022	97209	6647/	06820	86712	88459	
Dublin	969	71525	60102	00409	3547/	02814	81718	83640	86460
Shannon	962	81321	59616	93809	864//	07722	85713	88620	
Roches Point	952	81232	50636	94610	873//	08726	88708		
Valentia	953	81420	58636	90011	5642/	10618	85715	88540	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE_{sss}$	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00031 000	+	+
Hurn	862	00071 002	+	+
Manston	797	00031 041	+	+
Gatwick	776	00033 047	+	+
Kew	775	00033 054	+	+
Heathrow	772	00041 046	+	+
Honington	586	00051 050	+	+
Wattisham	590	00041 050	+	+
Gorleston	497	040		
Aberporth	502	97061 001	ir_o	+
Filton	628	00051 000	+	+
Rhoose	715	00061 000	+	+
Hartland Point	703	00090 000		
Mount Batten	827	92081 014	+	r_o
St.Mawgan	817	01091 012	+	r_or
Scilly	804	04111 000	+	rr
Culdrose	809	03092 001	+	$ir_or_or_od_or_o$
Guernsey	894	00061 021	+	+
Elmdon	534	00023 000	+	+
Cardington	559	00031 012	+	+
Wittering	462	00043 008	+	+
Watnall	354	00033 000	+	+
Shawbury	414	00033 000	+	+
Finningley	360	00033 000	+	+
Spurn Point	396		+	+
Leeming	257	00041 000	+	+
Tynemouth	262	00071 000	+	+
Carlisle	222	00061 000	+	+
Valley	302	00111 000	+	+
Ringway	334	00041 000	+	+
Squires Gate	318	00051 000	+	+
Ronaldsway	204	00061 000	+	+
Mull of Galloway	131	00061		
Eskdalemuir	162	00031 000	+	+
Prestwick	135	00051 000	+	+
Abbotsinch	140	00051 000	+	+
Leuchars	171	00071 003	+	+
Dyce	091	00071 000	+	+
Lerwick	005	00071 000	+	+
Wick	075	00071 000	+	+
Sule Skerry	010	00081		
Cape Wrath	049	00081 000	+	+
Stornoway	026	97091 000	r_o	+
Benbecula	022	00091 000	+	+
Tiree	100	00081 000	+	+
Aldergrove	917	00070 000	+	+
Malin	980	0007 000		
Belmullet	976	0909 000		
Birr	965	0010 000		
Dublin	969	0009 000		
Shannon	962	0510 000		
Roches Point	952	0910 000		
Valentia	953	4011 000		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

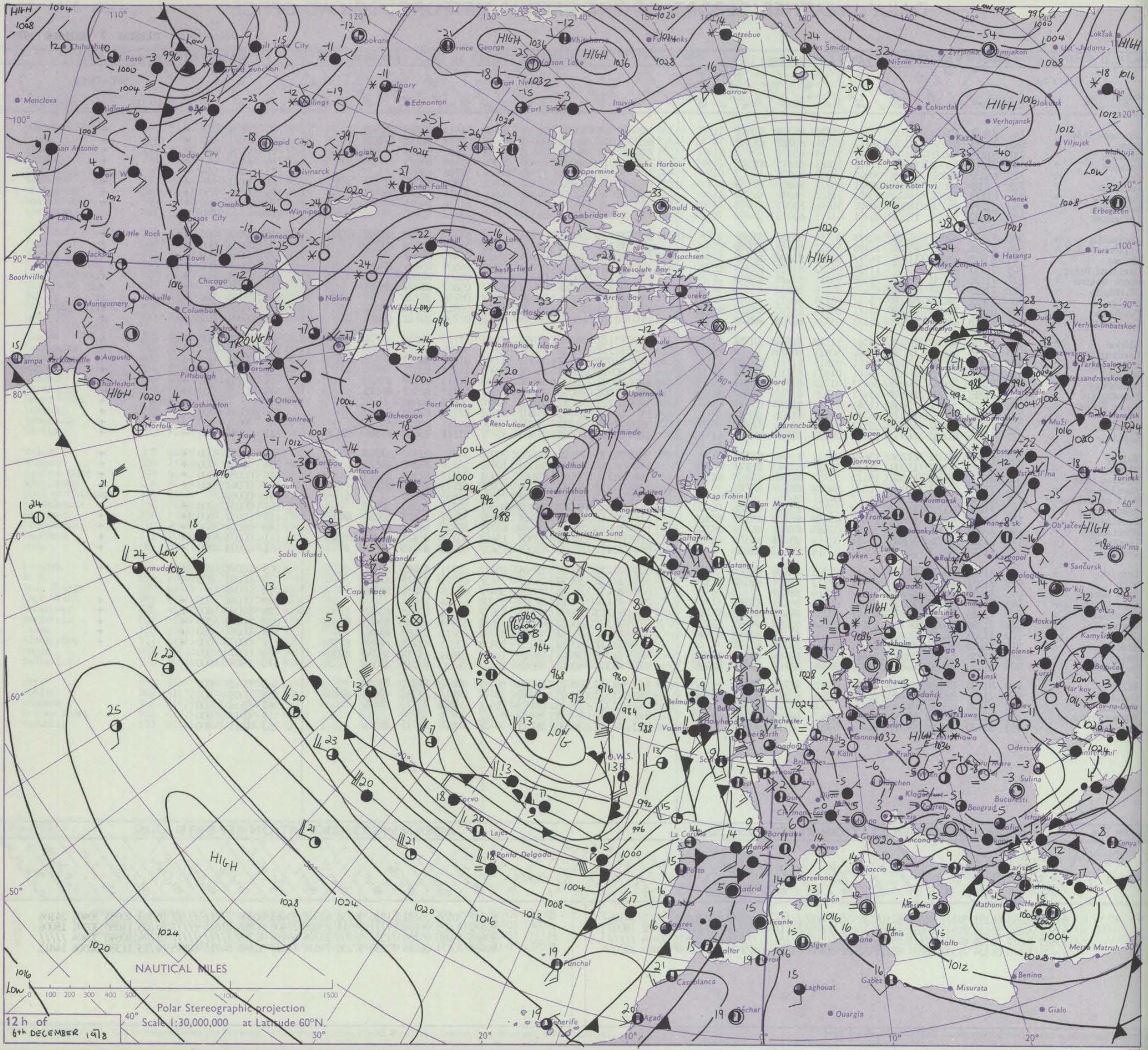
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	06121	52111	98028	62106	32530	00400	/////	/////	05203	10721	30505	24106
	99571	70204	06124	70913	98031	88309	38472	00621	81815	83625	0//05	11065	30302	18007
	99663	10021	06124	81721	97616	29806	874//	00103	/////	/////	0//05	10635	30404	/////
	99470	70170	06124	71532	98031	85712	52602	00848	85830	86073	0//09	11387	30403	28706

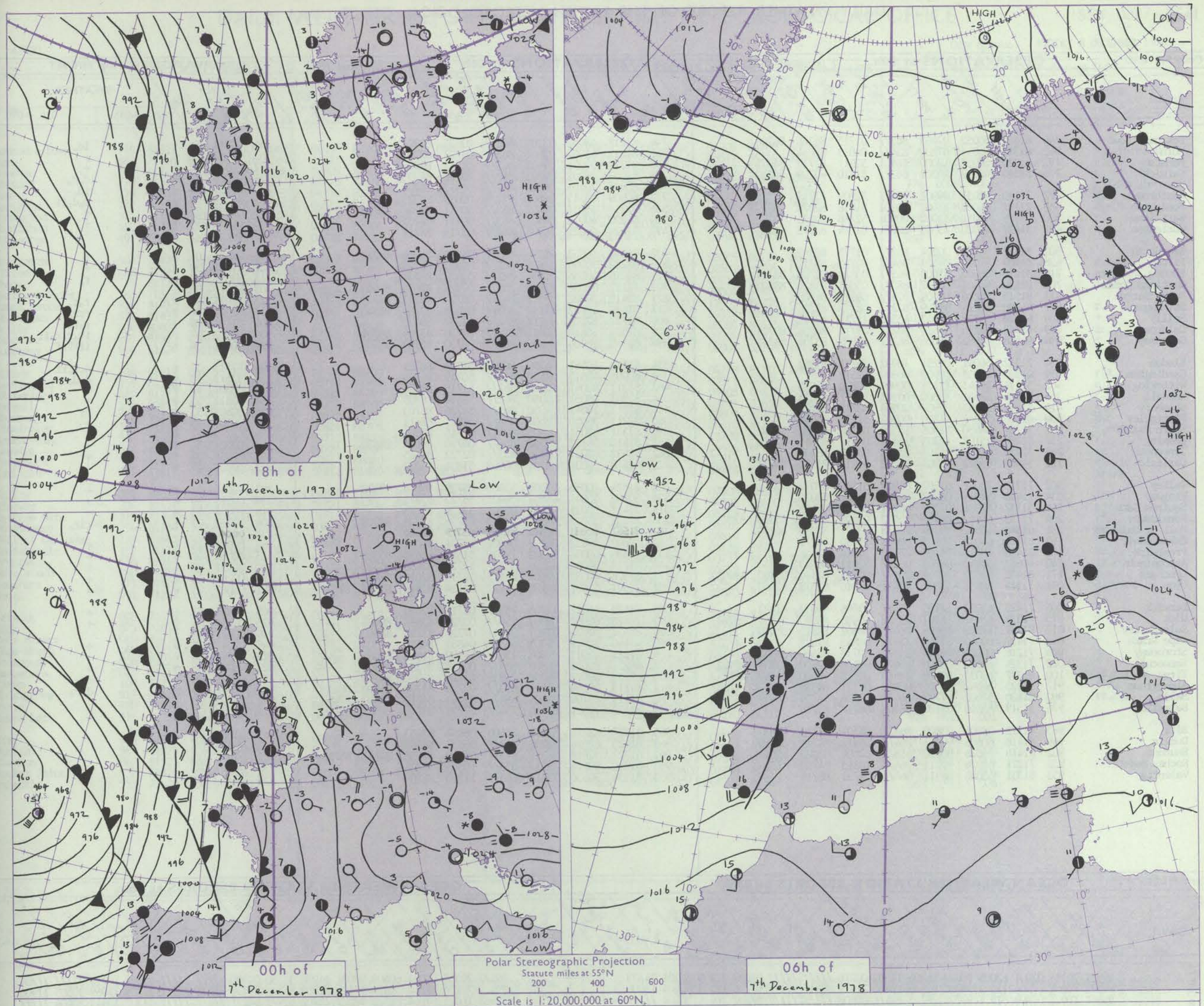
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	06181	61910	98258	62605	53463	00304	/////	/////	05303	10695	30404	24106
	99572	70205	06184	21711	98011	83809	28400	00808	81815	/////	0//05	11080	30301	18006
	99660	10020	06184	71517	97808	28706	69460	42709	/////	/////	0//04	10640	30404	/////
	99468	70171	06184	72230	97256	74014	734//	51640	84915	82815	0//13	11380	30506	14812

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday THURSDAY 7 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours an anticyclone has persisted over Scandinavia and eastern Europe while a deep low pressure system has been maintained in the Atlantic. A deepening depression approaching the British Isles from the southwest has increased the southsoutheasterly airflow over the U.K. to produce gales in the west.

During the next 24 hours frontal troughs are expected to move northeast to central parts of the U.K. with the very strong southsoutheasterly airflow veering to southwesterly over Wales and southern parts of England.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V

OBSERVATIONS at 00h. 7 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81317	50052	07403	863//	01715	86706	88708	
Hurn	862	81311	56051	07206	854//	04813	88614		
Manston	797	41320	50051	12000	16401	52611	81712	84075	
Gatwick	776	81310	40042	10301	863//	51810	83709	88710	
Kew									
Heathrow	772	71110	42051	09901	764//	52809	87711		
Honington	586	21112	56051	11602	00901	51618	82078		
Wattisham	590	41318	45051	12002	00901	52718	84075		
Gorleston	497	31427	60020	13505	00901	01714	83075		
Aberporth	502	81532	58052	00204	8097/	01725	88360		
Filton	628	81409	57052	06503	864//	02715	88711		
Rhoose	715	81119	56602	05005	863//	03614	82708	88709	
Hartland Point	703	81120	64602	00807	885//	05303	81824	88640	
Mount Batten	827	81515	50216	02009	873//	08812	88708		
St.Mawgan	817	81420	56216	99709	872//	08712	85704	88705	
Scilly	804	41819	65036	97012	45500	11717	84621		
Culdrose	809	81518	56216	99610	862//	09712	86704	88708	
Guernsey	894	81518	50052	05006	862//	05808	83704	88706	
Elmdon	534	21312	56041	09251	10932	54711	81362		
Cardington	559	01310	60051	10900	00900	52510			
Wittering	462	51111	30041	11101	00901	50820	85075		
Watnall	354	20814	58051	10800	00901	51617	82075		
Shawbury	414	51211	20042	07900	00908	53712	85270		
Finningley	360	61105	50042	11700	00902	51617	86070		
Spurn Point	396	31227	58030	12605	15570	03720	81620	83360	
Leeming	257	81409	25102	12803	754/2	03617	83614	87620	
Tynemouth	262	31428	61020	11707	35600	03818	83630		
Carlisle	222	50603	65022	08903	15732	51614	81650	85072	
Valley	302	71318	75022	01507	00908	51516	87070		
Ringway	334	21416	57041	08803	00901	53002	82070		
Squires Gate	318	51317	62031	07202	00901	52708	85075		
Ronaldsway	204	71132	50042	03905	25532	01605	82622	84360	87073
Mull of Galloway	131	61548	65032	99706	20938	03521	82360	86275	
Eskdalemuir	162	61405	66022	10103	00908	53610	86273		
Prestwick	135	21433	70011	04105	25700	54716	82656		
Abbotsinch	140	60613	58042	06703	6093/	52611	86360		
Leuchars	171	81432	62022	10007	3547/	03521	82616	85360	88465
Dyce	091	71314	60052	13507	3543/	04810	83618	87360	
Lerwick	005	71425	65022	18905	754//	03706	84617	87623	
Wick	075	71525	65052	12907	35532	03808	83620	84360	86072
Sule Skerry	010	81437	57202	09808	3641/	08502	83710	88460	
Cape Wrath	049	71437	80032	02907	755//	05843	87625		
Stornoway	026	71216	80012	03209	2567/	00710	82640	87465	
Benbecula	022	71324	80012	00209	2567/	00508	82640	83359	86462
Tiree	100	81337	62032	99408	25617	00729	82640	84465	88275
Aldergrove	917	81225	50042	99405	8095/	01721	88358		
Malin	980	81130	57602	97707	5647/	01004	84716	88459	
Belmullet	976	31319	65016	89109	36400	08717	83718		
Birr	965	81322	58606	93809	864//	08707	87710	88630	
Dublin	969	81418	60606	99307	864//	05814	84711	88715	
Shannon	962	61418	75026	90810	655//	07806	83625	85640	
Roches Point	952	71221	62026	92211	764//	10813	84710	87714	
Valentia	953	81331	68036	86311	864//	07731	88716		

OBSERVATIONS at 06h. 7 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81218	48052	03205	862//	03825	88703		
Hurn	862	81012	45052	02607	863//	06727	88707		
Manston	797	81312	32051	09402	863//	01711	88706		
Gatwick	776	81007	26202	06703	862//	03720	88703		
Kew	775	80905	20105	06802	862//	01617	88704		
Heathrow	772	80909	15515	06602	872//	02619	88703		
Honington	586	81214	45051	09102	863//	50611	84708	88710	
Wattisham	590	81320	40051	09502	863//	00611	88707		
Gorleston	497	81424	60021	10305	864//	02715	88712		
Aberporth	502	81530	56052	95206	863//	04840	84706	88710	
Filton	628	81222	35056	01805	862//	03821	88705		
Rhoose	715	81016	50056	01006	862//	05821	88704		
Hartland Point	703	71112	66036	95609	2552/	07729	82625	87460	
Mount Batten	827	81419	56022	97011	863//	09728	86707	88709	
St.Mawgan	817	81426	57622	94110	853//	09628	83709	88640	
Scilly	804	81727	62026	90212	856//	11737	88630		
Culdrose	809	81518	56616	94011	872//	09730	83703	88706	
Guernsey	894	81518	18284	99908	860//	08730	85700	87701	
Elmdon	534	81113	10561	05750	860//	51728	88701		
Cardington	559	80909	45515	07650	862//	50719	88705		
Wittering	462	81311	40041	08300	862//	51715	88704		
Watnall	354	81307	48051	08050	862//	51614	88705		
Shawbury	414	81212	16042	04050	862//	51726	88703		
Finningley	360	81215	56051	07501	854//	51821	88611		
Spurn Point	396	81331	58031	09405	8097/	02715	88360		
Leeming	257	81412	56102	08302	854//	00720	86614	88620	
Tynemouth	262	81432	61021	08306	855//	02722	88625		
Carlisle	222	41518	62031	03204	00902	51831	84072		
Valley	302	71524	70036	97109	45406	05729	84616	87270	
Ringway	334	50706	40041	05851	36401	53723	83715		
Squires Gate	318	71418	65031	03601	00901	51726	87075		
Ronaldsway	204	81231	35212	99004	872//	03731	82705	88708	
Mull of Galloway	131	81552	60031	96605	855//	03719	88620		
Eskdalemuir	162	60802	68022	04902	00902	52731	86072		
Prestwick	135	31336	65031	00303	15740	51511	81650	83360	
Abbotsinch	140	71118	58041	02205	3573/	52729	83656	86360	
Leuchars	171	81326	70032	07607	854//	02719	82616	88622	
Dyce	091	71321	57052	10106	754//	03624	81616	83618	87623
Lerwick	005	71429	65022	15705	755//	02711	87620		
Wick	075	71428	65052	09307	754//	03722	83618	86624	
Sule Skerry	010	81437	57022	07607	3641/	07722	83710	88460	
Cape Wrath	049	41440	70011	01305	45500	04835	84625		
Stornoway	026	51321	82011	99808	1561/	01509	81640	85465	
Benbecula	022	61221	80031	96809	6097/	00718	84358	85362	
Tiree	100	61333	62012	96207	20938	01726	82360	86275	
Aldergrove	917	81215	30046	95904	853//	02723	81707	86710	88618
Malin	980	81113	60106	92106	6647/	03743	84716	83640	87459
Belmullet	976	81125	70021	82710	7547/	07729	83718	87640	87459
Birr	965	31327	62216	85710	35600	08857	83633		
Dublin	969	81423	62026	93208	863//	06730	88707		
Shannon	962	81327	57618	81311	873//	09749	82708	84711	85716
Roches Point	952	31330	40616	82911	873//	10646	88708		
Valentia	953	81334	30636	73813	863//	11760	88709		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
Boscombe Down	746	97011	51	+	id₀
Hurn	862	00051	03	+	+
Manston	797	00511	52	+	+
Gatwick	776	97001	53	+	d₀d₀
Kew	775	97011	53	+	id₀
Heathrow	772	97511	54	+	d₀d₀ff
Honington	586	00021	50	+	+
Wattisham	590	00011	51	+	+
Gorleston	497				
Aberporth	502	00031	01	+	+
Filton	628	97021	50	r₀	+
Rhoose	715	91051	02	r₀	r₀
Hartland Point	703	97071	05		
Mount Batten	827	02071	05	r₀r	r₀r₀
St.Mawgan	817	02071	06	rr₀	rrr₀r₀
Scilly	804	01101	09	ir₀	r₀r₀
Culdrose	809	02082	07	id₀ir₀	ir₀r₀r₀ir
Guernsey	894	00051	04	+	ifFFff
Elmdon	534	97513	53	+	d₀d₀ff
Cardington	559	97513	53	+	d₀d₀
Wittering	462	00501	52	+	+
Watnall	354	00513	55	+	+
Shawbury	414	00503	53	+	ff
Finningley	360	00501	55	+	+
Spurn Point	396			+	+
Leeming	257	00021	54	+	+
Tynemouth	262	00051	04	+	+
Carlisle	222	00021	54	+	+
Valley	302	97061	01	r₀	+
Ringway	334	00513	54	+	+
Squires Gate	318	00001	52	+	+
Ronaldsway	204	95031	02	+	rir₀
Mull of Galloway	131	0004			
Eskdalemuir	162	00011	55	+	+
Prestwick	135	00031	02	+	+
Abbotsinch	140	00031	52	+	+
Leuchars	171	00061	05	+	+
Dyce	091	00061	05	+	+
Lerwick	005	00051	03	+	+
Wick	075	00051	04	+	+
Sule Skerry	010	00071	05		
Cape Wrath	049	00041	05	+	+
Stornoway	026	00061	04	+	+
Benbecula	022	00081	05	+	+
Tiree	100	00071	06	+	+
Aldergrove	917	97041	03	r₀	d₀r₀
Malin	980	9706	05		
Belmullet	976	0208	07		
Birr	965	0308	07		
Dublin	969	9407	06		
Shannon	962	0409	08		
Roches Point	952	0411	10		
Valentia	953	1309	06		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	07001	12005	98028	66205	11500	00216	/////	/////	05203	10709	3//01	24/05
	99572	70205	07004	11022	98020	82409	18400	31611	81815	/////	0//06	11073	30404	18906
	99661	10021	07004	81521	97022	28705	854//	00400	/////	/////	0//02	10659	30404	/////
	99471	70167	07004	32040	97298	65315	19403	41667	81915	83070	0//11	11361	30712	14906

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	07061	60503	98031	66906	32530	00400	/////	/////	05203	10710	3////	///04
	99571	70204	07064	80926	97601	72309	855//	21857	88620	/////	0//09	11069	30505	11906
	99662	10021	07064	81522	97022	25705	874//	00721	/////	/////	0//02	10645	30404	/////
	99469	70169	07064	72343	96278	67312	794//	51211	84915	85820	0//06	11390	31022	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42750

Date of Issue FRIDAY 8 DECEMBER 1978

OBSERVATIONS at 12h. 7 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	81321	58055	99408	6632/	06830	82708	85712	88462
Hurn	862	71416	60032	99510	3642/	06821	83710	87462	
Manston	797	41317	40051	06506	25601	03809	82630	83070	
Gatwick	776	71313	58045	03907	25732	05716	82650	84364	87072
Kew	775	71009	20042	03406	56372	04818	85708	83362	86072
Heathrow	772	71109	30055	02906	5647/	04819	85710	87362	
Honington	586	71113	32052	06105	753//	03809	85707	86635	
Wattisham	590	71221	35052	06505	753//	03811	82706	87632	
Gorleston	497	81422	32052	08005	855//	03710	88625		
Aberporth	502	71429	61216	89108	753//	07842	81706	85710	87620
Filton	628	81324	25202	97208	862//	07831	84703	86705	88708
Rhoose	715	81120	56056	95409	853//	07831	84707	86709	88614
Hartland Point	703	71528	66022	89811	6856/	07760	83820	83625	86360
Mount Batten	827	81425	45636	92110	873//	09833	83708	88710	
St.Mawgan	817	81431	25636	88310	6732/	09735	84706	86709	88460
Scilly	804	82027	30656	86212	853//	11509	88709		
Culdrose	809	81523	15616	88311	872//	10733	82704	88706	
Guernsey	894	81424	64216	96109	6542/	06825	86611	88460	
Elmdon	534	81212	05465	01901	860//	51724	88700		
Cardington	559	81306	40105	04103	862//	03719	82703	88706	
Wittering	462	81215	10284	04303	861//	02821	84702	88703	
Watnall	354	80813	03462	03201	860//	01726	88700		
Shawbury	414	91111	01504	99701	9////	00830	89/01		
Finningley	360	81115	28102	04203	862//	02824	88705		
Spurn Point	396	81428	58022	06305	854//	03715	85715	88625	
Leeming	257	81411	45042	04804	863//	03721	88708		
Tynemouth	262	81435	56022	04606	855//	03614	88620		
Carlisle	222	71617	62021	01804	38572	01811	81820	83645	86362
Valley	302	81023	70032	92307	1547/	04831	81615	87358	88462
Ringway	334	81111	35042	01403	563/2	01821	85706	88070	
Squires Gate	318	81316	57042	00003	854//	01816	82710	85715	88630
Ronaldsway	204	81134	30046	95604	862//	03827	82703	86704	88705
Mull of Galloway	131	71645	58012	92604	773//	03736	87708		
Eskdalemuir	162	61114	59052	01604	38432	51719	82818	83362	86075
Prestwick	135	81243	62031	97304	3567/	51716	81630	83645	86360
Abbotsinch	140	71020	58042	99406	15772	51709	81650	87360	
Leuchars	171	81226	58022	04706	854//	01819	81614	88616	
Dyce	091	71221	57052	07605	754//	02820	84617	87622	
Lerwick	005	71328	65022	14305	754//	00713	86618	87630	
Wick	075	71433	62052	05607	754/1	02721	83618	87624	
Sule Skerry	010	81437	56022	04607	854//	07517	88610		
Cape Wrath	049	71155	65021	95805	755//	05734	87625		
Stornoway	026	71220	75022	96808	35772	03708	83650	83359	86070
Benbecula	022	71225	72012	93009	35632	00721	81635	83650	86360
Tiree	100	71239	60012	90908	25678	02729	82635	85365	86275
Aldergrove	917	81126	25616	91205	862//	04721	85705	88707	
Malin	980	71140	40102	86807	35478	04740	81714	83650	87070
Belmullet	976	81231	60615	74211	6642/	08735	86712	88457	
Birr	965	81230	40636	79409	7632/	08839	87706	88458	
Dublin	969	81225	40606	88308	863//	06827	83708	88712	
Shannon	962	81525	65616	75911	5547/	08715	81711	85630	88458
Roches Point	952	71328	58616	78410	7747/	09802	86713	87637	87458
Valentia	953	71629	65818	72611	73502	08211	87922		

OBSERVATIONS at 18h. 7 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	81423	59606	96408	853//	06709	84709	88618	
Hurn	862	81417	50626	95910	854//	08512	84710	88618	
Manston	797	71219	40051	03605	7097/	03809	87362		
Gatwick	776	71414	50616	00307	2577/	05710	82650	87460	
Kew	775	71315	58216	99508	3577/	03813	83650	87360	
Heathrow	772	81311	60212	99308	2567/	05711	82645	88459	
Honington	586	81116	45052	02605	8097/	03810	88465		
Wattisham	590	71119	37042	03605	7097/	03807	87362		
Gorleston	497	81424	32052	05306	855//	03707	88625		
Aberporth	502	71626	62216	87009	754//	08005	82710	86619	
Filton	628	81426	25516	93909	872//	08805	82704	87706	88709
Rhoose	715	81418	57216	91509	852//	08814	81705	86708	88625
Hartland Point	703	51916	82016	87912	38431	09004	81818	83635	85360
Mount Batten	827	71716	57216	90313	6537/	12005	84708	84620	86359
St.Mawgan	817	61720	62026	88411	55402	09317	82618	84650	85075
Scilly	804	72120	65026	86512	25678	08006	82635	86275	
Culdrose	809	71918	57026	88512	68502	09304	81825	86640	
Guernsey	894	81725	58606	94410	853//	09004	83708	87611	
Elmdon	534	81215	56214	96906	854//	04718	81710	88635	
Cardington	559	81314	60216	99806	857//	03511	88650		
Wittering	462	81216	50622	00605	5567/	04608	85630	85359	88462
Watnall	354	81214	56614	99205	5572/	03811	85650	88462	
Shawbury	414	81013	32606	95106	872//	05808	82704	88707	
Finningley	360	81215	40622	99905	1742/	04610	81712	88558	
Spurn Point	396	81332	58022	02506	854//	05709	85715	88625	
Leeming	257	81415	40622	00406	864//	04615	88710		
Tynemouth	262	81532	48052	99507	855//	05817	88620		
Carlisle	222	81219	58616	95706	854//	05828	85710	88620	
Valley	302	81432	68212	87611	854//	07508	88619		
Ringway	334	81320	56026	96007	3577/	04706	83650	86358	88462
Squires Gate	318	81223	56606	93606	854//	05713	82615	85622	88650
Ronaldsway	204	81236	35606	89507	873//	06516	83708	86710	88711
Mull of Galloway	131	81545	58606	87107	873//	06819	88708		
Eskdalemuir	162	81117	25642	96505	863//	05726	88707		
Prestwick	135	81331	58616	91306	854//	03737	81614	83618	88650
Abbotsinch	140	81121	50602	94107	854//	05719	81710	83712	88616
Leuchars	171	81131	45582	99906	862//	05622	81705	85706	88711
Dyce	091	81320	56056	03005	854//	03820	85714	88618	
Lerwick	005	81330	68022	11405	854//	01712	83618	88625	
Wick	075	71433	58052	02707	754//	01716	82710	85622	87630
Sule Skerry	010	81437	57258	01907	884//	06511	82815	88620	
Cape Wrath	049	71144	62022	97405	755//	05400	87625		
Stornoway	026	71126	70052	92607	2567/	01812	82645	87362	
Benbecula	022	71132	70602	87509	5567/	04728	85635	85360	87464
Tiree	100	81240	57636	86908	7542/	06620	82712	84625	87647
Aldergrove	917	81122	40616	85807	873//	06707	82706	88707	
Malin	980	81137	56606	83408	7642/	05612	83712	87715	88458
Belmullet	976	11320	80016	74810	16400	07210	81717		
Birr	965	61411	66256	80310	634//	08110	82716	83920	
Dublin	969	71617	61216	83511	7647/	09803	83710	84715	86622
Shannon	962	61619	70256	78110	635//	07218	83920	84656	
Roches Point	952	21626	62028	79911	29400	07208	81918		
Valentia	953	71614	70258	76009	735//	08227	87922		

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	05091	002	id.ir.	r.r.irir.Rdr
Hurn	862	10111	000	r.rr.r.	r.rRrr.
Manston	797	97071	014	+	r.
Gatwick	776	03091	004	+	r.r.d.r.dr-r
Kew	775	04092	000	+	r.Rr
Heathrow	772	02081	000	+	r.r.R
Honington	586	97061	001	+	r.
Wattisham	590	91061	000	+	r.
Gorleston	497		000		
Aberporth	502	05111	000	ir.rr.r.	r.r.rr
Filton	628	03101	000	d.-d.d.r.	rdrd.drd.r.
Rhoose	715	02101	000	d.d.	d.d.r.rr.
Hartland Point	703	01122	006		
Mount Batten	827	06131	000	rr	r.
St.Mawgan	817	08131	000	r.r.r	+
Scilly	804	04121	006	ir.RR	ir.
Culdrose	809	09122	000	rrr.r.driR	+
Guernsey	894	01111	000	r.r.ir.	ir.
Elmdon	534	08062	000	ffr.r	r.d.r.rRR
Cardington	559	03062	000	+	r.rr
Wittering	462	03061	000	ff	r.rR
Watnall	354	11052	000	ff	r.rrR
Shawbury	414	02071	000	ffRd.d.d.r.	r.r
Finningley	360	04051	000	+	r.rRd.r.
Spurn Point	396			+	r.
Leeming	257	03062	000	+	rr
Tynemouth	262	92071	000	+	r.r.ir.
Carlisle	222	03072	011	+	ir.rR
Valley	302	97111	000	ir.	ir.
Ringway	334	03071	000	+	rir.rr
Squires Gate	318	02071	000	+	rRir.
Ronaldsway	204	01081	000	rr.r.	rr.r.
Mull of Galloway	131	01071			
Eskdalemuir	162	09051	001	+	Rr.r.
Prestwick	135	03071	000	+	ir.r.r.
Abbotsinch	140	93081	000	+	r.r.
Leuchars	171	03072	000	r.	d.r.drr
Dyce	091	97061	000	+	r.
Lerwick	005	00061	000	+	+
Wick	075	00071	000	+	+
Sule Skerry	010	93081			
Cape Wrath	049	00071		+	+
Stornoway	026	00081	000	+	+
Benbecula	022	02091	000	+	ir.r.r.ir
Tiree	100	03081	000	+	rRr.
Aldergrove	917	07092	000	r.r.rr.	rr.r.r
Malin	980	0509	000		
Belmullet	976	0511	001		
Birr	965	1710	001		
Dublin	969	1611	000		
Shannon	962	1012	004		
Roches Point	952	1212	004		
Valentia	953	1913	004		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

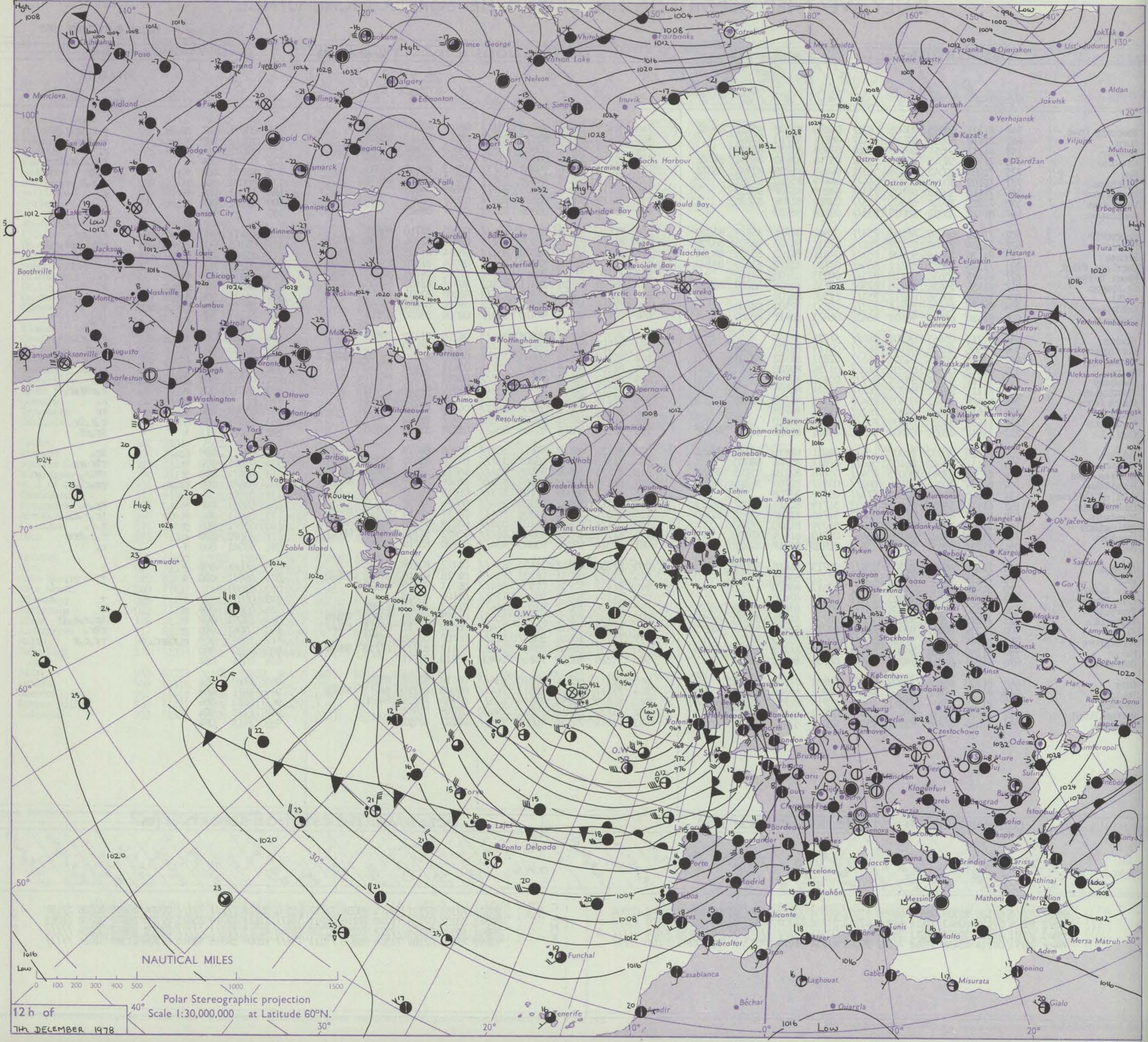
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sappp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	07121	83507	96636	68905	8742/	00208	/////	/////	05304	10707	30402	02904
	99572	70204	07124	80843	97616	66209	4732/	21738	84708	88520	0//09	11075	30607	13907
	99663	10021	07124	31420	97011	24504	35400	00711	/////	/////	0//50	10659	30404	/////
	99468	70171	07124	42438	97018	74012	29403	61234	81915	83073	0//06	11385	31020	/////

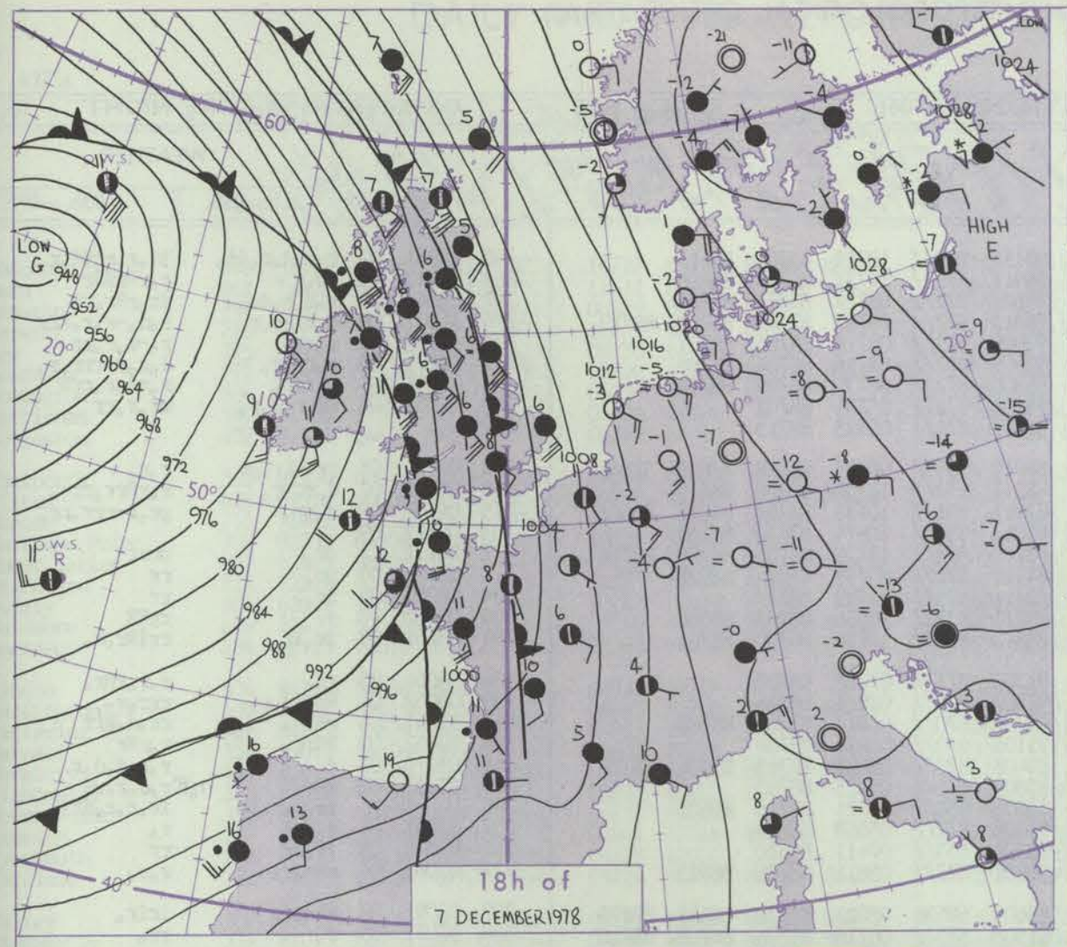
OCEAN WEATHER STATION REPORTS at 18h.

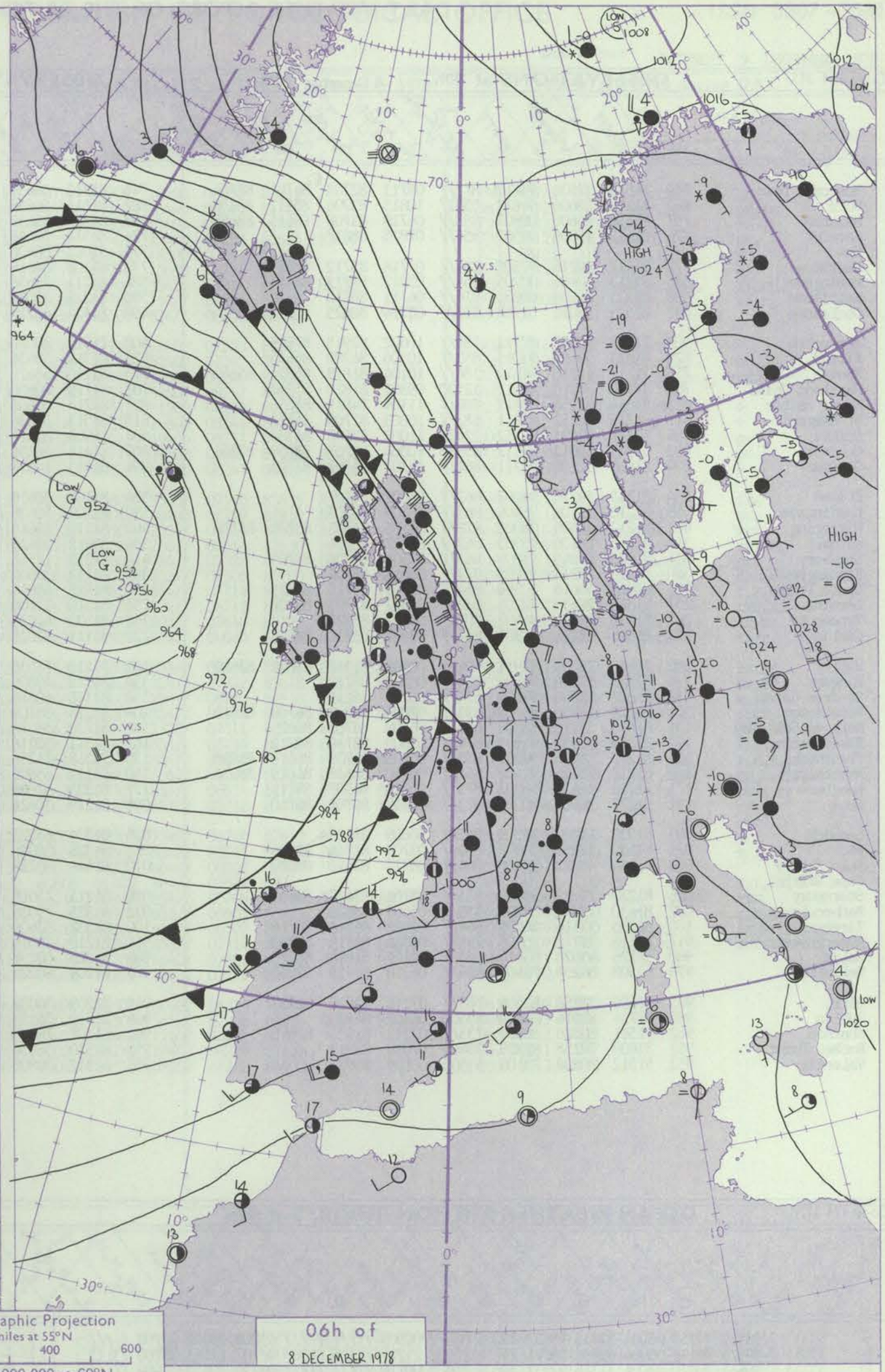
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sappp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	07181	73614	98036	71707	65530	00228	/////	/////	00104	10695	30506	22107
	99572	70202	07184	71040	96216	58511	5747/	21621	83710	85625	0//08	11070	30708	11012
	99661	10020	07184	71222	97258	22204	59460	42715	/////	/////	0//01	10657	30404	/////
	99469	70172	07184	72326	96808	75211	794//	12004	84916	83816	0//06	11385	31016	/////

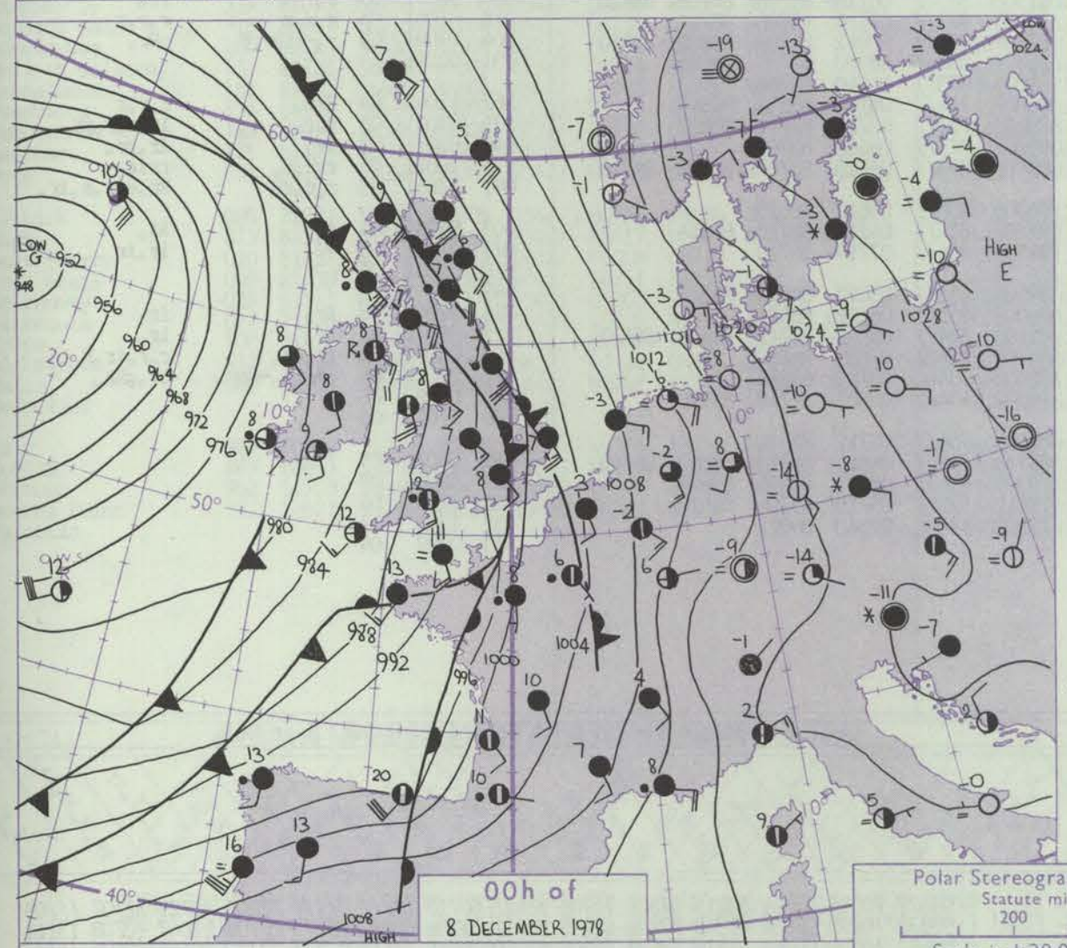
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 8 DECEMBER 1978

During the past 24 hours a deep complex low remained slow moving to the west of Ireland and maintained a south to southeast airstream over the British Isles with frontal troughs moving slowly east over most districts.

During the next 24 hours the low to the west of Ireland is expected to persist, maintaining a south or southwesterly airstream over much of the British Isles with frontal troughs moving slowly northeast over Scotland.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — OBSERVATIONS at 00h. 8 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Boscombe Down	746	81515	57606	95110	872//	09711	82703	86704	88706
Hurn	862	81513	58606	94611	5532/	10815	83706	85612	88458
Manston	797	81518	56606	00807	853//	06718	83708	84615	88650
Gatwick	776	81412	45606	98507	854//	07815	88617		
Kew									
Heathrow	772	81411	59216	97508	854//	07718	85712	88615	
Honington	586	81113	40606	00205	854//	03812	86712	88645	
Wattisham	590	81215	30586	00805	874//	04711	88712		
Gorleston	497	81525	58022	02207	855//	03714	88625		
Aberporth	502	71720	65298	87711	734//	10602	82915	87629	
Filton	628	81621	56606	93011	853//	10506	86709	88615	
Rhoose	715	71711	65216	91812	784//	10104	81818	84824	85640
Hartland Point	703	51920	74016	87812	12530	09302	81820	85360	
Mount Batten	827	81814	62258	90812	884//	11104	84815	88656	
St.Mawgan	817	61719	60252	89011	683//	10003	82708	84812	
Scilly	804	52117	62021	87312	22473	11003	82818	84360	
Culdrose	809	51815	58012	89112	35330	10004	81707	88650	85364
Guernsey	894	81618	32106	93711	861//	11707	84702	87703	
Elmdon	534	81315	56216	95007	863//	06802	88707		
Cardington	559	81213	57106	98306	863//	06509	88707		
Wittering	462	81212	40606	98005	872//	04816	83703	85704	88706
Watnall	354	81115	24106	95905	862//	05717	88704		
Shawbury	414	81206	57046	93208	863//	07504	84706	88709	
Finningley	360	81315	25216	97805	873//	04611	88706		
Spurn Point	396	81228	58616	00306	864//	05809	85715	88725	
Leeming	257	81316	30636	97205	872//	05617	83703	88707	
Tynemouth	262	81536	48616	96407	8052/	06727	88520		
Carlisle	222	81518	62216	94307	854//	05507	83710	88622	
Valley	302	71625	75291	87911	794//	07302	81918	85822	87640
Ringway	334	81520	57606	94508	864//	05500	88710		
Squires Gate	318	81317	62036	93008	874//	06707	88712		
Ronaldsway	204	81229	40956	88709	893//	07805	82706	86708	82915
Mull of Galloway	131	61645	58212	85208	653//	06808	83708	86625	
Eskdalemuir	162	81212	25636	94505	874//	03603	86710	88712	
Prestwick	135	81227	59026	90307	853//	05703	82709	86614	88630
Abbotsinch	140	81218	65216	91408	854//	04710	82616	86619	88656
Leuchars	171	81229	56636	96207	873//	05719	84707	88711	
Dyce	091	81222	30602	00006	873//	05813	84708	88710	
Lerwick	005	81333	65022	09205	855//	50609	88625		
Wick	075	81430	58052	00907	854//	03704	82714	88616	
Sule Skerry	010	81444	48022	97406	884//	06711	83810	88620	
Cape Wrath									
Stornoway	026	81220	75022	90909	855//	05701	83627	88650	
Berbecula	022	81430	75026	86709	855//	05507	88621		
Tiree	100	81335	57616	86808	864//	07502	84711	88716	
Aldergrove	917	71115	70176	85408	2947/	06004	82915	87360	
Malin	980	51126	65028	83410	18402	07105	81818	85075	
Belmullet	976	61308	80258	78408	634//	06218	81718	83920	
Birr	965	71609	70258	82408	785//	07214	85820	86630	
Dublin	969	31714	80016	84409	33500	06302	83920		
Shannon	962	71511	80028	80609	735//	07212	81925	87645	
Roches Point	952	31609	70258	82209	39400	07010	83919		
Valentia	953	51312	70808	79108	53500	06109	85922		

OBSERVATIONS at 06h. 8 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Boscombe Down	746	81715	56636	90111	853//	10729	85707	88616	
Hurn	862	81511	56636	89911	4722/	11727	84704	88459	
Manston	797	81517	35636	95607	872//	07727	83703	88704	
Gatwick	776	81510	28656	93310	872//	09727	82705	86708	88712
Kew	775	81002	50636	93009	872//	08718	85705	88707	
Heathrow	772	81108	56616	92909	872//	09718	86704	88705	
Honington	586	81211	23636	95306	872//	06730	86703	88704	
Wattisham	590	81219	25586	95506	871//	05731	88702		
Gorleston	497	81424	40216	96907	874//	05725	88715		
Aberporth	502	71515	70028	84810	3843/	08725	81818	83629	87360
Filton	628	81312	58636	88211	873//	11730	86706	88710	
Rhoose	715	81210	56628	87011	851//	10733	82702	84615	88648
Hartland Point	703	81710	80606	85011	3562/	10624	83630	88460	
Mount Batten	827	81714	60608	86212	873//	11730	83706	84708	88710
St.Mawgan	817	81513	56636	84111	5722/	09732	85704	88528	
Scilly	804	81906	62616	82411	875//	11832	88728		
Culdrose	809	81416	56656	83211	5732/	10836	85708	88556	
Guernsey	894	81415	14636	88810	870//	10734	86700	88701	
Elmdon	534	81108	30616	91308	871//	07722	88702		
Cardington	559	81107	56636	92807	873//	07821	88706		
Wittering	462	81110	25616	93706	870//	06817	85701	88702	
Watnall	354	80912	20626	93105	870//	05825	88701		
Shawbury	414	81210	17516	89408	872//	08824	82703	85704	88705
Finningley	360	81112	30606	93805	872//	05625	88703		
Spurn Point	396	81428	58616	95806	854//	05721	84715	88625	
Leeming	257	81310	25606	95006	872//	05809	88704		
Tynemouth	262	81530	61026	95307	855//	07611	88620		
Carlisle	222	81111	62026	91807	853//	05811	83708	88615	
Valley	302	71110	75038	85609	48536	08821	82820	84645	87275
Ringway	334	81313	40606	91508	873//	06714	81706	86708	88710
Squires Gate	318	81116	40616	90108	873//	07716	83708	88711	
Ronaldsway	204	81224	35109	87109	882//	08812	86704	84820	88650
Mull of Galloway	131	61730	58016	85809	653//	08000	83708	86625	
Eskdalemuir	162	81311	30216	92005	873//	04810	88708		
Prestwick	135	71318	74256	88807	784//	06706	83818	86645	
Abbotsinch	140	71112	65806	89607	784//	05714	82711	85622	
Leuchars	171	81325	57606	93907	873//	06508	88707		
Dyce	091	81219	30626	97406	873//	05713	82707	86708	88710
Lerwick	005	81334	65025	06305	855//	00612	88625		
Wick	075	81328	58056	97707	854//	04712	82712	86616	
Sule Skerry	010	81444	40212	94507	864//	07719	88710		
Cape Wrath									
Stornoway	026	61215	75016	89508	655//	05603	84625	84657	
Berbecula	022	81325	75026	86009	855//	06608	88621		
Tiree	100	81332	57606	85108	854//	08507	82712	84618	88633
Aldergrove	917	21210	70019	84708	15601	07805	81630		
Malin	980	31220	60258	82809	33400	07703	83918		
Belmullet	976	61209	80028	78307	434/2	05803	81718	83920	
Birr	965	71209	70038	81009	756//	07712	87630		
Dublin	969	71512	75258	83710	784//	09811	81713	84820	86640
Shannon	962	61207	70038	79309	4567/	08713	84645	85459	
Roches Point	952	81520	56636	79810	5732/	09715	85709	88520	
Valentia	953	61312	70808	77708	63500	07510	86922		

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_nE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	13081	07	r.r.d.r.id.	id.r.rrRd.r.
Hurn	862	12112	09	rr.	r.rRrrdr
Manston	797	08061	05	r.d.r.ir.	ir.rRr.rr
Gatwick	776	10071	06	d.r.-r.r	r.d.-r.r.Rrr
Kew	775	05082	06	r.r	r.-r.r.rr
Heathrow	772	06071	06	r.rr.r.	d.r.r-rrr.r.
Honington	586	12051	04	r.rir.	r.rd.r.rrR
Wattisham	590	12051	03	rd.r.d.r.	rd.r.rr
Gorleston	497				
Aberporth	502	03101	08	pr.tlr.pr	r.r.
Filton	628	04101	07	d.r.-r.	r.rRrr.rrr.
Rhoose	715	04101	09	r.pr.	pr.r-rrr.rr.
Hartland Point	703	02112	09		
Mount Batten	827	06111	11	pr.	prrr
St.Mawgan	817	10102	09	pr.	rr
Scilly	804	09092	09	ir.	rr
Culdrose	809	05102	10	+	rrRR
Guernsey	894	08101	09	ir.ir	rriRr.r.
Elmdon	534	06061	05	rr.	r.r.rRr.
Cardington	559	09052	04	Rr.rr.r.	rrr.r.
Wittering	462	12051	04	rRir.	rr.d.Rrr
Watnall	354	10052	03	RRrr.	r.rRr
Shawbury	414	01071	05	+	r.r.d.d.r
Finningley	360	11051	04	rRr.	r.Rr d.r.
Spurn Point	396			ir.r.r.ir	ir.r.r.ir
Leeming	257	11051	04	r.rrR	r.
Tynemouth	262	07072	06	ir.rr	rr
Carlisle	222	02061	04	rRr.r.	r.r.
Valley	302	03091	07	tlrpr.	irir.
Ringway	334	91071	05	r.	rr.
Squires Gate	318	01061	05	r.r.r	r.r.r
Ronaldsway	204	07081	05	r.-tlR-pR	pRr.
Mull of Galloway	131	02041			
Eskdalemuir	162	11042	04	Rrr.	r.r.r
Prestwick	135	01061	05	r.r.	ir.r.r.pr.
Abbotsinch	140	93071	03	ir.	ir.pr.
Leuchars	171	10071	05	rrr.r.	rrir.
Dyce	091	11051	05	r.r.rR	Rr.r.r.s.ir.
Lerwick	005	97041	04	+	id.
Wick	075	01061	05	+	ir.ir
Sule Skerry	010	01051	05		
Cape Wrath	049				
Stornoway	026	97061	06	ir.	ir.
Berbecula	022	94071	07	ir.	ir.
Tiree	100	03081	06	ir.rd.	r.r.ir.R
Aldergrove	917	12072	06	rRrtl.-rpr.	pr.pRr.
Malin	980	0108	05		
Belmullet	976	9707	05		
Birr	965	9307	05		
Dublin	969	0208	05		
Shannon	962	0108	06		
Roches Point	952	1308	07		
Valentia	953	0707	04		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	08001	83415	98022	73005	884//	00003	/////	/////	05202	10709	3//08	/////
	99573	70198	08004	41230	98071	59710	25531	21227	82625	83360	0//07	11063	30708	13112
	99661	10020	08004	71316	97032	20804	75400	00710	/////	/////	0//50	10655	30404	/////
	99470	70169	08004	32428	97019	76712	32500	61307	83820	/////	0//07	11402	31014	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70335	08061	83215	97808	71706	834//	00713	/////	/////	05204	10721	3//07	///09
	99572	70195	08064	61242	97808	62209	58432	31302	83812	83625	0//08	11067	30708	13111
	99662	10020	08064	41218	97021	18604	45400	00711	/////	/////	0//50	10644	30404	/////
	99469	70173	08064	42428	97258	78611	42500	61316	84820	/////	0//07	11395	31015	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42751

Date of Issue SATURDAY 9 DECEMBER 1978

Code FM 11.V — OBSERVATIONS at 12h. 8 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	81815	60616	84411	872//	10727	85703	86706	88710
Hurn	862	71820	58216	85112	7523/	11622	82704	83706	86612
Manston	797	81615	30636	89708	871//	08829	81702	84703	88705
Gatwick	776	81714	30596	87210	872//	10832	85704	88706	
Kew	775	81509	56616	86410	4732/	09830	84708	88540	
Heathrow	772	81410	50636	86110	5732/	09730	85706	85711	88545
Honington	586	81213	47636	88707	872//	06736	86703	88704	
Wattisham	590	81318	17586	89306	870//	06734	88701		
Gorleston	497	81327	24636	90207	874//	06742	88710		
Aberporth	502	81524	68616	77411	853//	09634	87709	88630	
Filton	628	81518	50636	82311	852//	10730	84705	87707	88620
Rhoose	715	71412	62216	81011	784//	11730	81712	86820	
Hartland Point	703	82730	64808	81211	884//	10314	85815	88640	
Mount Batten	827	62423	68808	84511	68400	09228	82711	84818	86635
St. Mawgan	817	72217	65216	83211	5547/	09235	81710	85613	
Scilly	804	62817	70818	85411	69470	10243	86918	83628	
Culdrose	809	72420	62026	84111	6841/	09248	83710	84812	85620
Guernsey	894	62125	78016	87112	69402	09309	82814	82924	84640
Elmdon	534	81213	50636	84308	7722/	08839	87704	88550	
Cardington	559	81412	57616	86309	872//	08835	85705	87707	88709
Wittering	462	81213	38636	87107	870//	07835	86701	88702	
Watnall	354	81012	14656	86506	870//	06833	88701		
Shawbury	414	81012	25586	82309	872//	09741	82704	88705	
Finningley	360	81012	45596	87206	872//	06835	88703		
Spurn Point	396	81126	50606	89307	874//	06732	88715		
Leeming	257	81113	58616	88107	7732/	06841	87706	88550	
Tynemouth	262	81130	48636	90307	8052/	06828	88520		
Carlisle	222	71013	65258	87707	784//	05724	82710	85818	86635
Valley	302	80712	57636	80209	6532/	09732	81707	86622	88540
Ringway	334	81013	62216	84608	5547/	06839	81710	85650	88460
Squires Gate	318	80817	60216	84107	854//	06738	83712	86622	87635
Ronaldsway	204	81023	34638	82508	872//	07830	86704	88706	
Mull of Galloway	131	81228	58636	83807	873//	06714	88708		
Eskdalemuir	162	81112	56606	88506	854//	04623	86710	88620	
Prestwick	135	81122	59618	85907	6542/	06820	81715	86625	88460
Abbotsinch	140	80914	58588	87308	873//	06720	83708	87710	
Leuchars	171	81128	40606	91907	852//	05824	82705	84706	88614
Dyce	091	81117	35057	95206	854//	05718	81710	83712	88614
Lerwick	005	71329	56022	05305	754//	00703	84616	87622	
Wick	075	81329	37606	96107	852//	04617	85705	85709	88615
Sule Skerry	010	81437	30026	94907	864//	06008	88710		
Cape Wrath	049	81430	60022	90506	864//	06711	88710		
Stornoway	026	61115	80021	89509	65471	06002	81618	86635	
Benbecula	022	71220	83022	85909	35432	05605	81617	83630	87072
Tiree	100	81327	60606	84809	1742/	07806	81714	84556	88459
Aldergrove	917	81114	40638	82308	863//	07716	84706	88708	
Malin	980	81127	50616	82309	6642/	08707	84711	85635	88458
Belmullet									
Birr	965	70000	75218	80608	764//	07304	85715	86630	
Dublin	969	80603	50616	80410	863//	08713	81709	84718	88628
Shannon	962	51703	84016	80809	39502	07215	81922	83635	
Roches Point	952	22607	70016	81710	19463	07323	81918		
Valentia									

OBSERVATIONS at 18h. 8 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	12413	83016	89909	18400	06236	81815		
Hurn	862	12410	80018	91510	16440	08244	81712		
Manston	797	22313	81026	89809	18403	08126	81815		
Gatwick	776	32415	80258	90409	35400	07232	81615	83640	
Kew	775	12313	80026	89210	18500	07233	81825		
Heathrow	772	12211	80016	88910	15630	08234	81645		
Honington	586	62115	68036	86709	35430	07314	82615	85358	
Wattisham	590	72015	80026	87709	754//	07316	87618		
Gorleston	497	82116	58616	86509	874//	08609	88710		
Aberporth	502	32620	70016	87110	28402	07250	82815		
Filton	628	52516	70258	88710	52400	07242	85818		
Rhoose	715	52516	75038	88710	52500	08244	85820		
Hartland Point	703	52731	66018	88511	52500	09257	85825		
Mount Batten	827	12425	70018	91512	11500	08238	81822		
St. Mawgan	817	12312	75018	91310	15600	08241	81635		
Scilly	804	42617	70028	91611	49400	09233	84918		
Culdrose	809	32417	62031	91711	39400	09237	81916	83638	
Guernsey	894	62324	75031	94511	69400	08241	84816	82920	
Elmdon	534	62112	70026	85809	3563/	07140	83635	85360	
Cardington	559	52315	75018	87010	38430	07229	82818	84362	
Wittering	462	52317	80216	85309	2553/	07316	82620	85360	
Watnall	354	72113	60216	84208	2567/	08314	82630	87359	
Shawbury	414	72113	81256	83909	784//	07328	86817	87650	
Finningley	360	81606	40616	83207	852//	07505	83703	84711	88628
Spurn Point	396	81517	58216	83807	874//	07714	88715		
Leeming	257	81207	56636	83607	874//	06713	88710		
Tynemouth	262	81230	48636	85007	8052/	07614	88520		
Carlisle	222	80911	58638	82907	4542/	06610	82711	83625	88550
Valley	302	82725	57636	83509	853//	09366	83708	86614	88628
Ringway	334	82015	65606	82609	854//	07312	83618	83628	88640
Squires Gate	318	81412	56606	80009	854//	08710	84618	88626	
Ronaldsway	204	80106	50656	82008	854//	07319	82711	85624	88630
Mull of Galloway	131	81018	60636	81707	2722/	07311	82704	88510	
Eskdalemuir	162	80715	40636	83506	853//	05716	86706	88618	
Prestwick	135	81012	65616	82807	854//	05504	81710	85625	88645
Abbotsinch	140	80817	56636	83507	6542/	06711	82712	84618	85622
Leuchars	171	81028	56636	87707	853//	06614	82706	85708	88616
Dyce	091	80921	25636	91105	853//	05712	83708	85710	88614
Lerwick	005	71128	40052	02004	754//	51710	87619		
Wick	075	81232	50056	93506	854//	03714	83712	88615	
Sule Skerry	010	81137	30022	93207	864//	06807	88715		
Cape Wrath	049	81432	60606	91105	864//	05326	88715		
Stornoway	026	81023	66216	87807	854//	05706	81710	85617	88625
Benbecula	022	80915	75616	84507	855//	05605	85629	88635	
Tiree	100	81226	65616	83507	6542/	06302	82715	86626	88550
Aldergrove	917	80000	40516	82707	853//	07314	82708	83714	88635
Malin	980	81411	62616	82208	6642/	07309	82712	86718	88458
Belmullet	976	31509	78018	81709	18532	07219	81820		
Birr	965	31904	80031	84507	00902	06224	83070		
Dublin	969	72412	80026	84308	58502	07238	83824	83645	85070
Shannon	962	11706	82011	84409	12502	06221	81824		
Roches Point	952	12109	70020	86710	19403	08229	81918		
Valentia	953	61912	70011	84510	63502	07220	86923		

OBSERVATIONS during DAY

Station	iii	RRT×TE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	05111	011	$d_or_orrr_o$	jp
Hurn	862	04121	010	$drRpr_opr$	pr_opr
Manston	797	04121	000	rrr_or	+
Gatwick	776	15121	002	$rRdrd_or_opRpr$	pr_o
Kew	775	03121	005	$r_orr_or_oR$	+
Heathrow	772	05121	006	r_orr	+
Honington	586	03101	000	$r_or_orr_od_or_o$	ir_orr_o
Wattisham	590	08102	000	rrd_or_odrf	fd_or_o
Gorleston	497		000		
Aberporth	502	07111	000	$r_or_orrr_or_o$	+
Filton	628	03121	001	$r_orr_orpr_o$	pr_o
Rhoose	715	03121	005	$r_orr_opr_opr$	pr_opr
Hartland Point	703	04122	014		
Mount Batten	827	02121	026	r_opr_opR	+
St. Mawgan	817	03121	033	ir_orpR	+
Scilly	804	01132	056	irpr	pr
Culdrose	809	95122	037	iR	pr_o
Guernsey	894	02130	031	ir_o	+
Elmdon	534	05111	000	$r_or_orrir_o$	ir_o
Cardington	559	06111	001	r_orpr_o	pr_o
Wittering	462	08101	000	r_orrdr	rrr_o
Watnall	354	11091	000	rr_od_ofR	rr_opr_o
Shawbury	414	03111	001	$r_or_od_or_orR$	pr_o
Finningley	360	08091	000	rd_or_odrDR	$d_or_odrrRr_or_o$
Spurn Point	396			$rrir_o$	$r_or_oir_o$
Leeming	257	14071	000	rrr_o	rrr_or_o
Tynemouth	262	19082	000	r_or_orr	ir_orr
Carlisle	222	05072	000	pr_oprr_o	r_orr
Valley	302	13111	000	$ir_orrr_or_o$	ir_orr
Ringway	334	06091	001	r_or_or	Rr_orr
Squires Gate	318	07091	000	r_or_oRr	r_orR
Ronaldsway	204	26091	000	r_orrRR	$rrRr_o$
Mull of Galloway	131	20092			
Eskdalemuir	162	04061	000	r_or_or	r_or_or
Prestwick	135	08072	000	$pr_or_or_oir_o$	$r_od_or_orr$
Abbotsinch	140	03081	000	$r_od_or_od_or_o$	$rd_or_od_or_orr$
Leuchars	171	10071	000	r_oir_orr	$rrir_orr$
Dyce	091	12062	000	r_orr	rr
Lerwick	005	00051	000	+	+
Wick	075	97071	000	ir_o	+
Sule Skerry	010	00071			
Cape Wrath	049	97081	000	+	$r_or_oir_o$
Stornoway	026	05091	000	+	rrr_o
Benbecula	022	01101	000	r_or_o	$r_or_oir_o$
Tiree	100	04091	000	$ir_or_or_o$	$ir_orrr_or_orr_o$
Aldergrove	917	11092	000	r_orr_orr	$rrr_ord_or_o$
Malin	980	0711	000		
Belmullet	976	9710	007		
Birr	965	0109	003		
Dublin	969	1811	000		
Shannon	962	0412	022		
Roches Point	952	0511	047		
Valentia	953	9112	035		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 12h.

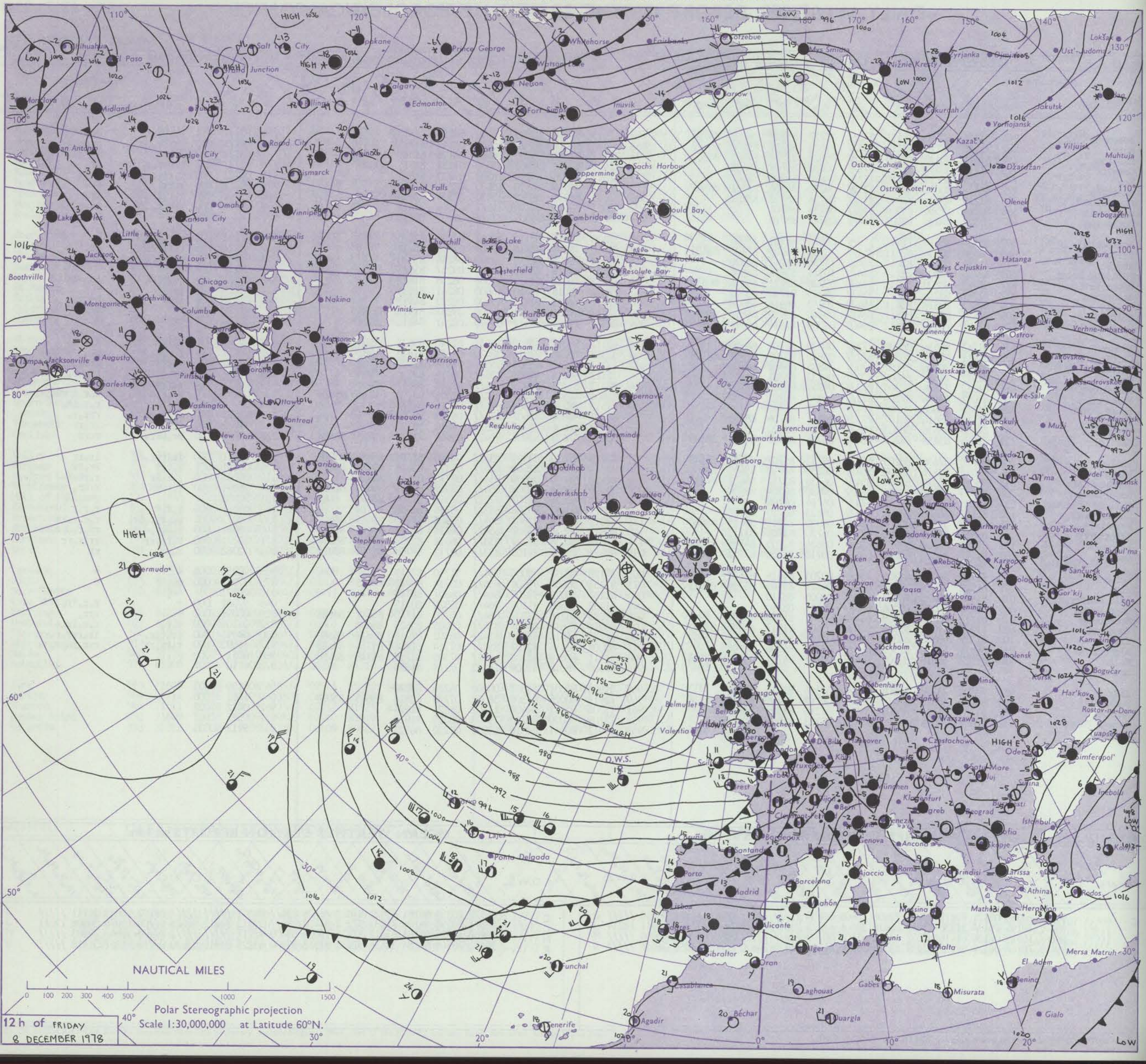
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	08121	73117	97028	72106	73400	00104	/////	/////	05204	10721	30910	/////
	99572	70194	08124	51338	97018	66810	38401	31225	83812	84075	0//07	11068	30911	18214
	99664	10019	08124	61416	97032	17104	65400	00709	/////	/////	0//50	10648	30304	/////
	99471	70167	08124	52337	97038	83513	59500	61224	81920	84820	0//07	11350	31014	/////

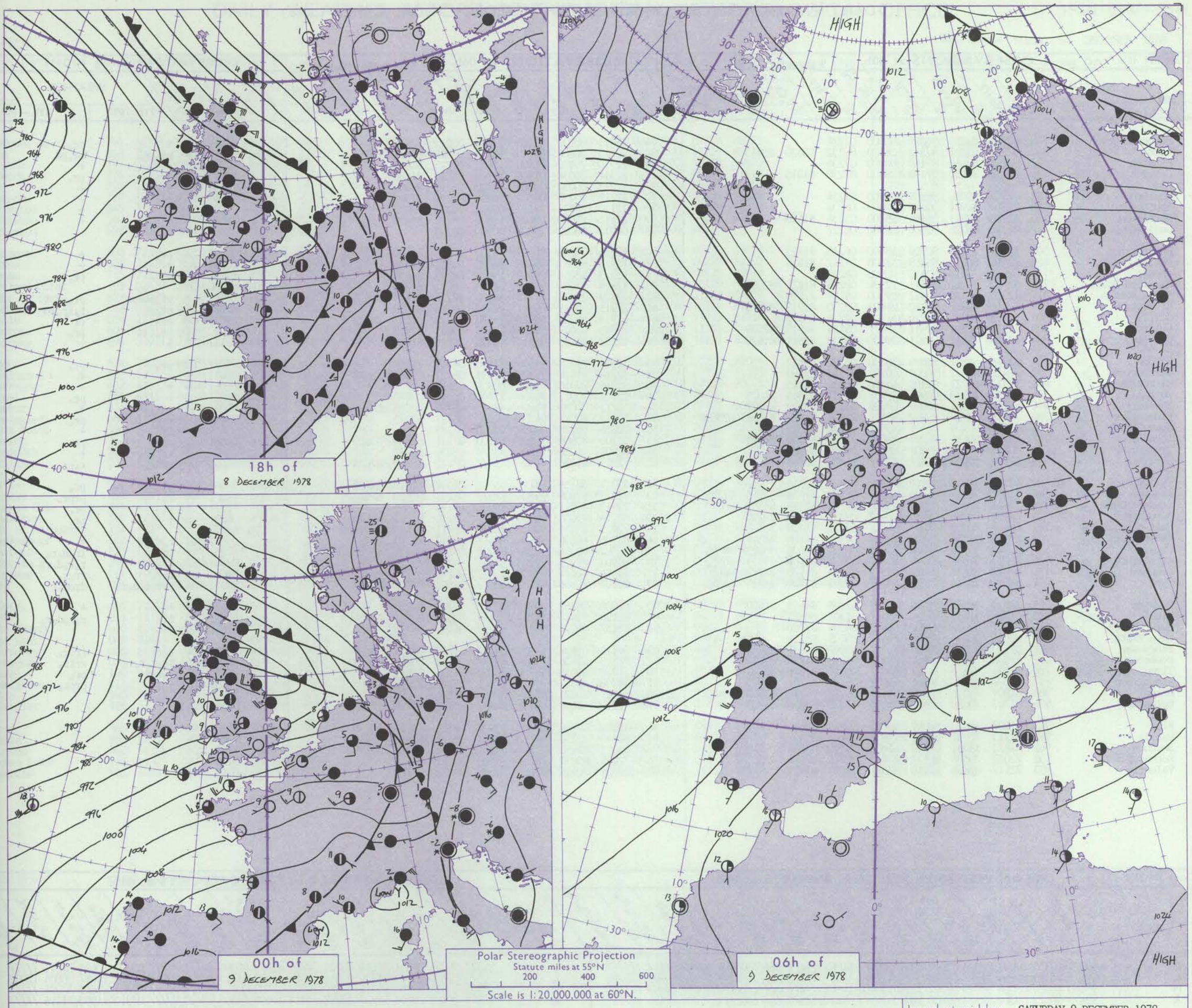
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	08181	83020	97022	71406	834//	00501	/////	/////	05102	10685	31111	/////
	99571	70190	08184	71233	97252	67410	784//	31213	84815	86625	0//06	11076	30908	12011
	99660	10020	08184	61012	97022	14004	65400	42717	/////	/////	0//00	10647	30303	/////
	99471	70169	08184	32436	97018	87513	33400	61225	81916	83820	0//10	11367	31118	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 9 DECEMBER 1978

During the past 24 hours the deep complex low in mid-Atlantic has shown a slow westward movement while associated fronts and troughs have moved round its periphery into the British Isles.

During the next 24 hours the Atlantic low is expected to continue to move west while wave depressions developing off Portugal will run forward in the southwesterly airstream towards southwest Britain and Ireland

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — **OBSERVATIONS at 00h.** 9 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	02315	80020	96809	00900	07228			
Hurn	862	52214	65801	97912	58500	09232	83820	83643	
Manston	797	02212	80010	97109	00900	07234			
Gatwick	776	22413	75030	97109	28400	07230	81816		
Kew									
Heathrow	772	02209	80020	96109	00900	07234			
Honington	586	02214	80011	93508	00900	06234			
Wattisham	590	12318	82021	94408	15700	05234	81650		
Gorleston	497	02216	66026	92608	00900	06227			
Aberporth	502	12114	70020	92909	18500	06225	81825		
Filton	628	12416	80011	95409	18400	07127	81818		
Rhoose	715	02419	75018	95110	00900	08229			
Hartland Point	703	32722	74021	94311	12530	08224	81825	83360	
Mount Batten	827	12323	68038	97512	19500	09127	81920		
St.Mawgan	817	42011	62808	97110	29403	08230	82915	83070	
Scilly	804	52718	70258	97310	59400	07228	85918		
Culdrose	809	72320	58801	97411	794//	09124	84915	87620	
Guernsey	894	32325	75011	00511	39400	09230	82814	81920	
Elmdon	534	52311	61801	93009	58530	06237	83823		
Cardington	559	22418	83021	94009	00901	07235	82080		
Wittering	462	12317	80021	92108	15600	06236	81645		
Walnall	354	52213	75018	90908	30931	06237	83365	84075	
Shawbury	414	42110	80031	92009	38502	07235	83820	84072	
Finningley	360	72214	82018	89309	3857/	06345	81825	83656	87362
Spurn Point	396	82418	60606	88509	855//	06230	88625		
Leeming	257	82610	65616	87208	855//	07237	85622	88645	
Tynemouth	262	80715	61636	85907	8052/	06315	88520		
Carlisle	222	82709	50636	87707	872//	06233	85703	88710	
Valley	302	42321	70016	90610	31402	08228	83814		
Ringway	334	72310	75016	90809	15778	06137	81656	85365	87275
Squires Gate	318	72612	70016	89808	15638	08244	81635	85360	86270
Ronaldsway	204	82708	81026	89409	16447	08233	81712	88270	
Mull of Galloway	131	82613	80026	87807	4551/	07328	84620	88460	
Eskdalemuir	162	83602	57636	87605	853//	04325	84708	88617	
Prestwick	135	80902	59636	87206	853//	06224	81706	85625	86632
Abbotsinch	140	80710	58636	87706	853//	05222	81708	83715	88622
Leuchars	171	81020	56636	89406	853//	04216	81709	84712	88620
Dyce	091	80916	25616	91205	873//	04302	83707	86710	88712
Lerwick	005	71123	58052	01404	754//	52604	81615	87620	
Wick	075	81126	50052	93806	855//	01301	88622		
Sule Skerry	010	81137	40022	93907	864//	06206	88710		
Cape Wrath	049	80934	60026	90905	864//	05005	88715		
Stornoway	026	81120	62616	89906	855//	05219	85621	88650	
Benbecula	022	81508	70636	87207	854//	07218	84710	88624	
Tiree	100	81321	62616	86407	6552/	06216	86626	88540	
Aldergrove	917	52007	50106	88106	16002	06225	81701	85070	
Malin	980	61909	72016	86207	3542/	06117	81718	83642	85460
Belmullet	976	31707	75038	83909	33500	07209	83820	81920	
Birr	965	41607	70020	88207	35602	06215	83630		
Dublin	969	12213	70031	89209	15600	05119	81630		
Shannon	962	41812	82031	87709	45600	05214	84645		
Roches Point	952	72018	70808	90111	734//	08217	87918		
Valentia	953	72117	62808	87210	735//	09213	87923		

OBSERVATIONS at 06h. 9 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	32415	80030	01209	25601	05218	82630		
Hurn	862	72313	58808	02510	784//	07322	84817	86631	
Manston	797	22110	75030	01908	15632	07223	81640		
Gatwick	776	22314	80038	01908	15701	06220	81656		
Kew	775	42213	80030	00809	45700	05219	84650		
Heathrow	772	12112	75030	00409	10931	07219	81360		
Honington	586	22110	80031	99107	00901	05223	82075		
Wattisham	590	22115	75030	99607	15602	06220	81630		
Gorleston	497	02012	66020	98408	00900	06225			
Aberporth	502	12116	75028	96709	18500	07220	81820		
Filton	628	12316	80011	99609	18400	05321	81818		
Rhoose	715	12313	65018	99509	15600	06223	81632		
Hartland Point	703	32824	74020	98311	32500	09222	83825		
Mount Batten	827	42423	70038	01312	48400	10215	82815	83635	
St.Mawgan	817	22215	65019	00511	22500	08214	82820		
Scilly	804	62518	65031	00412	15570	09215	81625	86362	
Culdrose	809	22216	66029	01311	23400	09221	82918		
Guernsey	894	12323	65010	04512	12400	09219	81814		
Elmdon	534	22010	75258	97108	28500	07115	81822		
Cardington	559	32314	81020	98908	10931	06222	81362	83078	
Wittering	462	02214	70010	97407	00900	05218			
Walnall	354	22112	75011	95806	25700	05114	82650		
Shawbury	414	42212	80030	95609	48400	06216	82818	84626	
Finningley	360	22012	80021	94506	00902	05221	82075		
Spurn Point	396	02316	65026	94908	00900	06225			
Leeming	257	62105	80808	92909	68500	07221	82820	85650	
Tynemouth	262	82602	61026	91906	855//	05226	88620		
Carlisle	222	72903	65036	91507	754//	07217	85710	87623	
Valley	302	42327	68258	93711	48400	08317	81818	84657	
Ringway	334	72211	62808	95108	785//	06217	83820	87640	
Squires Gate	318	22413	65011	93408	20930	07114	82362		
Ronaldsway	204	62214	75031	91810	654//	08210	82713	85650	
Mull of Galloway	131	72415	82031	90609	25746	08211	82650	87272	
Eskdalemuir	162	82506	60036	91406	864//	05317	88710		
Prestwick	135	80507	62026	91006	863//	06216	81706	84708	87710
Abbotsinch	140	80903	62026	91505	854//	04217	82715	87620	
Leuchars	171	83606	60616	91805	853//	04214	82708	85710	88622
Dyce	091	80807	20536	92104	851//	04303	81702	84704	
Lerwick	005	81020	58052	00803	855//	52702	88620		
Wick	075	81120	45616	94705	864//	03002	84711	88714	
Sule Skerry	010	81137	40022	94907	864//	06206	88710		
Cape Wrath									
Stornoway	026	81114	65626	91206	854//	05208	82710	88625	
Benbecula	022	81315	62636	89006	854//	06209	85714	88618	
Tiree	100	21420	80018	88507	28400	06309	81815		
Aldergrove	917	31708	62031	90105	28401	05210	82815		
Malin	980	01617	70021	87806	00900	05306			
Belmullet	976	82219	62608	85410	864//	09312	86713	87718	
Birr	965	62014	66808	91409	634//	06320	85919	84630	
Dublin	969	82215	75258	91710	885//	06312	83823	87650	
Shannon	962	62011	65258	91309	685//	06226	82820	85645	
Roches Point	952	32116	65038	94011	33400	08222	83918		
Valentia	953	22021	70028	92111	22500	08223	82823		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97071	05	+	pr$_o$
Hurn	862	03091	07	pr$_o$pRl	pr$_o$pR
Manston	797	00081	05	+	+
Gatwick	776	93071	03	pr$_o$	pr$_o$
Kew	775	00091	06	+	+
Heathrow	772	00091	06	+	+
Honington	586	00071	05	+	+
Wattisham	590	00061	04	+	+
Gorleston	497				
Aberporth	502	97081	06	pr$_o$	+
Filton	628	00091	07	+	+
Rhoose	715	97091	06	+	pr$_o$
Hartland Point	703	00060	09		
Mount Batten	827	01111	08	pr$_o$phrpr	pr$_o$pr
St.Mawgan	817	02081	07	pr$_o$pR	t$_o$lr$_o$pr
Scilly	804	01092	08	prl	pr
Culdrose	809	02092	07	pr$_o$tlr	pr$_o$
Guernsey	894	97111	09	l	+
Elmdon	534	93071	04	pr$_o$	pr$_o$
Cardington	559	00071	05	+	+
Wittering	462	00061	04	+	+
Walnall	354	91061	00	+	pr$_o$
Shawbury	414	00071	04	+	+
Finningley	360	97061	03	pr$_o$	pr$_o$
Spurn Point	396			ir$_o$	+
Leeming	257	01061	03	r$_o$r$_o$	pr$_o$
Tynemouth	262	04052	05	rrr$_o$r$_o$	+
Carlisle	222	06061	04	rrRr$_o$	r$_o$pr$_o$
Valley	302	93091	07	pr	pr$_o$
Ringway	334	01071	05	r$_o$	prpr$_o$
Squires Gate	318	91071	05	r$_o$	pr$_o$
Ronaldsway	204	96081	05	+	pr$_o$
Mull of Galloway	131	03072			
Eskdalemuir	162	07041	01	r$_o$r$_o$	+
Prestwick	135	07051	03	rr	ir$_o$d$_o$r$_o$
Abbotsinch	140	07041	03	rrr$_o$r$_o$	r$_o$r$_o$d$_o$r$_o$
Leuchars	171	09041	03	rrr$_o$	rr$_o$r$_o$
Dyce	091	08042	04	rrr$_o$r$_o$d$_o$r$_o$	drddrr
Lerwick	005	00031	01	+	+
Wick	075	01051	03	ir$_o$	r$_o$r$_o$d$_o$r$_o$
Sule Skerry	010	97052	05		
Cape Wrath	049				
Stornoway	026	07052	04	r$_o$rr	rrir$_o$
Benbecula	022	12062	05	ir$_o$r$_o$r$_o$rr	rrir$_o$
Tiree	100	04071	05	r$_o$r$_o$r	pr$_o$
Aldergrove	917	03032	01	+	prpr$_o$
Malin	980	9505	02		
Belmullet	976	0506	04		
Birr	965	9106	02		
Dublin	969	9707	04		
Shannon	962	0107	04		
Roches Point	952	9110	07		
Valentia	953	0408	05		

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09001	82818	97078	71505	845//	00301	/////	/////	05304	10705	3//12	/////
L	99571	70193	09004	71323	97218	71510	773//	61316	87709	/////	0//09	11075	30504	12010
M	99660	10020	09004	51015	97012	12104	55400	00808	/////	/////	0//50	10649	30303	/////
R	99470	70173	09004	72132	97038	90313	725//	51110	87820	/////	0//11	11374	31116	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09061	82618	98022	72205	855//	00305	/////	/////	05303	10695	3//11	/////
L	99570	70190	09064	41720	98011	76810	25602	21225	82630	83075	0//09	11087	30604	12009
M	99661	10018	09064	10818	97020	10705	15400	00703	/////	/////	0//01	10611	30304	/////
R	99471	70169	09064	12231	97028	94014	15500	51305	81620	/////	0//10	11350	31116	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42752

Date of Issue SUNDAY 10 DECEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 9 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	62317	69918	05110	49463	08115	81812	82915	83645
Hurn	862	72120	58258	06013	6346/	11215	84710	83918	86360
Manston	797	22211	80011	06611	18563	08119	81825		
Gatwick	776	72313	59608	06312	754//	11117	81712	85619	87650
Kew	775	72212	65031	05213	785//	09118	83820	86650	
Heathrow	772	62109	65031	05113	55432	10219	81712	85616	
Honington	586	32115	84031	03711	18502	07223	81825	83075	
Wattisham	590	32215	80031	04611	11502	07122	81820	83075	
Gorleston	497	12509	66020	03511	10970	06225	81360		
Aberporth	502	72319	65258	00810	68432	09219	81818	86645	
Filton	628	32418	70251	03213	39431	09115	81918		
Rhoose	715	72310	57251	03212	794//	09014	82914	87622	
Hartland Point	703	52430	74151	01912	39431	09119	83918	85360	
Mount Batten	827	72323	61169	05313	723//	11218	81708	87818	
St.Mawgan	817	32319	65028	04513	22431	09321	82815		
Scilly	804	12517	56018	04914	00901	11228	81075		
Culdrose	809	32317	60058	05313	38400	11322	81818		
Guernsey	894	32021	72031	09013	38500	10118	81820	83628	
Elmdon	534	72008	66038	02310	28534	07220	81825	87075	
Cardington	559	62315	70031	03712	28534	08118	82825	86075	
Wittering	462	42112	78031	02610	11432	07124	81818	83075	
Watnall	354	62111	60038	01211	21402	07223	82818	85075	
Shawbury	414	72109	66151	01011	48476	08222	82815	83640	86270
Finningley	360	11911	65028	99710	11501	07225	81825		
Spurn Point	396	32215	68021	00510	30972	07228	83360		
Leeming	257	72313	66808	98211	62532	07126	86825	83075	
Tynemouth	262	82006	30052	96208	7557/	07222	87620		
Carlisle	222	72414	70256	95610	784//	08222	81710	87622	
Valley	302	71915	65801	98911	5946/	10127	83714	86358	81915
Ringway	334	22212	70038	00012	11502	07225	81820		
Squires Gate	318	22413	64038	98811	11501	08228	81820		
Ronaldsway	204	22217	68018	97011	00902	08130	82072		
Mull of Galloway	131	72320	66026	94510	35432	08326	81710	85075	
Eskdalemuir	162	82117	25596	95207	873//	07223	88707		
Prestwick	135	82412	45636	93908	7722/	08318	81704	83708	85712
Abbotsinch	140	80707	24616	94205	872//	05114	82704	86706	88708
Leuchars	171	70602	59152	95405	555/2	03216	82624	85628	87070
Dyce	091	83304	45606	95205	852//	05116	81704	85712	88630
Lerwick	005	71116	65031	01704	784//	01004	84710	87630	
Wick	075	71119	72616	96305	7542/	03109	83712	86615	87630
Sule Skerry	010	81424	62028	96306	7257/	06211	87820	88460	
Cape Wrath	049	81415	70026	94905	884//	04216	84810	88620	
Stornoway	026	81107	70806	93706	6842/	04212	82815	86618	88459
Benbecula	022	71311	82016	91808	754//	06215	83615	87630	
Tiree	100	61420	62806	91508	683//	07218	81707	86618	
Aldergrove	917	52216	65028	94609	45402	07236	81615	83635	
Malin	980	72217	68216	92309	764//	08233	81712	85716	85638
Belmullet	976	52216	75256	92010	39403	08230	81717	83920	82920
Birr	965	72412	66808	97410	785//	08233	84820	86630	
Dublin	969	62213	70031	97111	25772	07233	82650	85459	85070
Shannon	962	62108	82258	96809	434/3	07129	81715	83650	82920
Roches Point	952	62325	70038	98912	18402	08127	81818	85074	
Valentia	953	62013	65258	97711	68500	09231	84823	85640	

OBSERVATIONS at 18h. 9 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	62212	68036	09609	00906	09228	86275		
Hurn	862	42212	65038	10013	46400	11226	84715		
Manston	797	12315	70028	09810	15500	10218	81620		
Gatwick	776	12311	61018	10111	12400	09230	81814		
Kew	775	62107	65038	09211	60930	09230	86360		
Heathrow	772	42008	68038	08811	45601	10330	84635		
Honington	586	22112	80011	07109	20930	08222	82360		
Wattisham	590	32116	68011	08010	15602	08223	81645	83075	
Gorleston	497	02012	66010	06610	00900	08216			
Aberporth	502	12114	66021	06009	15400	09232	81618		
Filton	628	12310	75028	08111	10930	08228	81362		
Rhoose	715	12308	65028	07910	18430	08129	81818		
Hartland Point	703	52518	58022	07112	32536	10129	83820	85275	
Mount Batten	827	72111	60021	09312	56336	11222	84707	86272	
St.Mawgan	817	71909	59051	08011	12438	10218	81810	87275	
Scilly	804	52113	58031	07712	58400	11213	81818	85621	
Culdrose	809	82012	57101	08312	46107	11213	84702	88268	
Guernsey	894	61910	68031	11612	684/2	11111	83815	85622	
Elmdon	534	21304	75018	06709	00901	07232	82075		
Cardington	559	12210	65018	07809	00901	07228	81075		
Wittering	462	32212	80026	06409	00902	07225	83075		
Watnall	354	02110	56018	05508	00900	07228			
Shawbury	414	22110	73018	05310	15602	07127	81630		
Finningley	360	21505	58108	04206	25600	06230	82635		
Spurn Point	396	12309	63011	04809	11500	08225	81820		
Leeming	257	72705	75038	03409	785//	06333	82825	86635	
Tynemouth	262	12305	61011	01309	10930	06235	81358		
Carlisle	222	32211	62028	01008	38430	07233	81818		
Valley	302	22220	70028	03611	15630	09229	81640		
Ringway	334	62008	70028	04809	685//	07228	81825	85645	
Squires Gate	318	12012	70018	03408	15600	07228	81630		
Ronaldsway	204	12311	70011	02010	15600	09233	81630		
Mull of Galloway	131	72415	82032	00009	756//	08231	87630		
Eskdalemuir	162	12006	30106	00507	15600	06235	81640		
Prestwick	135	22414	65016	99509	15640	07233	81630		
Abbotsinch	140	70205	30806	99106	783//	05232	81709	83711	85814
Leuchars	171	80000	50616	99505	853//	05226	83709	88612	
Dyce	091	70000	45106	99102	651/8	02224	81702	86632	87270
Lerwick	005	81017	65026	03504	855//	00213	88620		
Wick	075	81212	68606	99006	7542/	04219	82710	87623	
Sule Skerry	010	81119	66152	98307	6252/	05217	86820	88460	
Cape Wrath	049	71810	85022	96506	755//	05216	87625		
Stornoway	026	71510	89026	96207	6553/	06115	82623	86643	85360
Benbecula	022	71414	70502	94407	754//	07215	83712	87627	
Tiree	100	71918	60808	95210	784//	09225	81710	84816	85626
Aldergrove	917	22011	70028	99808	15601	06231	81630		
Malin	980	51816	75021	96909	3853/	07124	81820	83640	
Belmullet	976	42015	70038	96210	23502	07221	82920	83070	81920
Birr	965	11708	80018	00408	15600	06220	81630		
Dublin	969	12212	75018	01810	15602	06230	81630		
Shannon	962	51607	80031	00009	3853/	07117	81820	83640	85359
Roches Point	952	11915	56101	02211	16400	10114	81710		
Valentia	953	71613	62808	99512	735//	11110	87920		

OBSERVATIONS during DAY

Station	iii	$R_RR_TT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01131	037	prtl₀rr₀	+
Hurn	862	92141	007	pr₀	+
Manston	797	04121	023	pr₀pr₀rRr	r
Gatwick	776	07121	006	pr₀prr₀pR	+
Kew	775	92131	044	pr₀pr	+
Heathrow	772	93131	045	pr₀	+
Honington	586	00131	041	+	+
Wattisham	590	00111	034	+	+
Gorleston	497		037		
Aberporth	502	01121	025	prpr₀	+
Filton	628	96131	043	pr₀prpr₀	+
Rhoose	715	97131	037	pr₀	+
Hartland Point	703	00120	036		
Mount Batten	827	01131	029	prtlrpr₀	+
St.Mawgan	817	95141	050	pr	+
Scilly	804	00141	044	+	F
Culdrose	809	93120	033	pr₀	f
Guernsey	894	96141	030	+	ir₀dr
Elmdon	534	93121	023	pr₀	+
Cardington	559	97131	039	pr₀	pr₀
Wittering	462	97111	039	r₀	+
Watnall	354	97021	024	r₀	pr₀
Shawbury	414	96121	027	pr₀r₀r	+
Finningley	360	91121	040	+	pr₀
Spurn Point	396			+	+
Leeming	257	01121	017	pr₀pr	+
Tynemouth	262	91111	027	+	pr₀
Carlisle	222	01111	003	pr₀rr₀pr₀	+
Valley	302	92121	006	pr₀	+
Ringway	334	94121	024	pr₀	+
Squires Gate	318	91111	026	pr₀	pr₀
Ronaldsway	204	00121	027	+	+
Mull of Galloway	131	92101			
Eskdalemuir	162	03081	000	r₀rdrd₀r₀	d₀r₀
Prestwick	135	05101	000	d₀r₀r₀r₀rr	+
Abbotsinch	140	04091	000	d₀r₀drr	rir₀pr₀
Leuchars	171	01051	000	r₀d₀r₀	d₀r₀r₀r₀
Dyce	091	02051	000	r₀rir₀	r₀
Lerwick	005	97040	000	ir₀	+
Wick	075	01071	000	r₀r₀rrir₀	r₀r₀ir₀
Sule Skerry	010	97081			
Cape Wrath	049	97081	000	ir₀	+
Stornoway	026	95081	000	pr₀ir₀	ir₀d₀
Benbecula	022	97091	001	ir₀	id₀pr₀
Tiree	100	04101	000	ir₀pr₀id₀	r₀rprrRr₀
Aldergrove	917	91102	020	+	pr₀
Malin	980	0511	006		
Belmullet	976	0212	013		
Birr	965	0111	025		
Dublin	969	9712	027		
Shannon	962	0212	026		
Roches Point	952	0112	027		
Valentia	953	0312	025		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

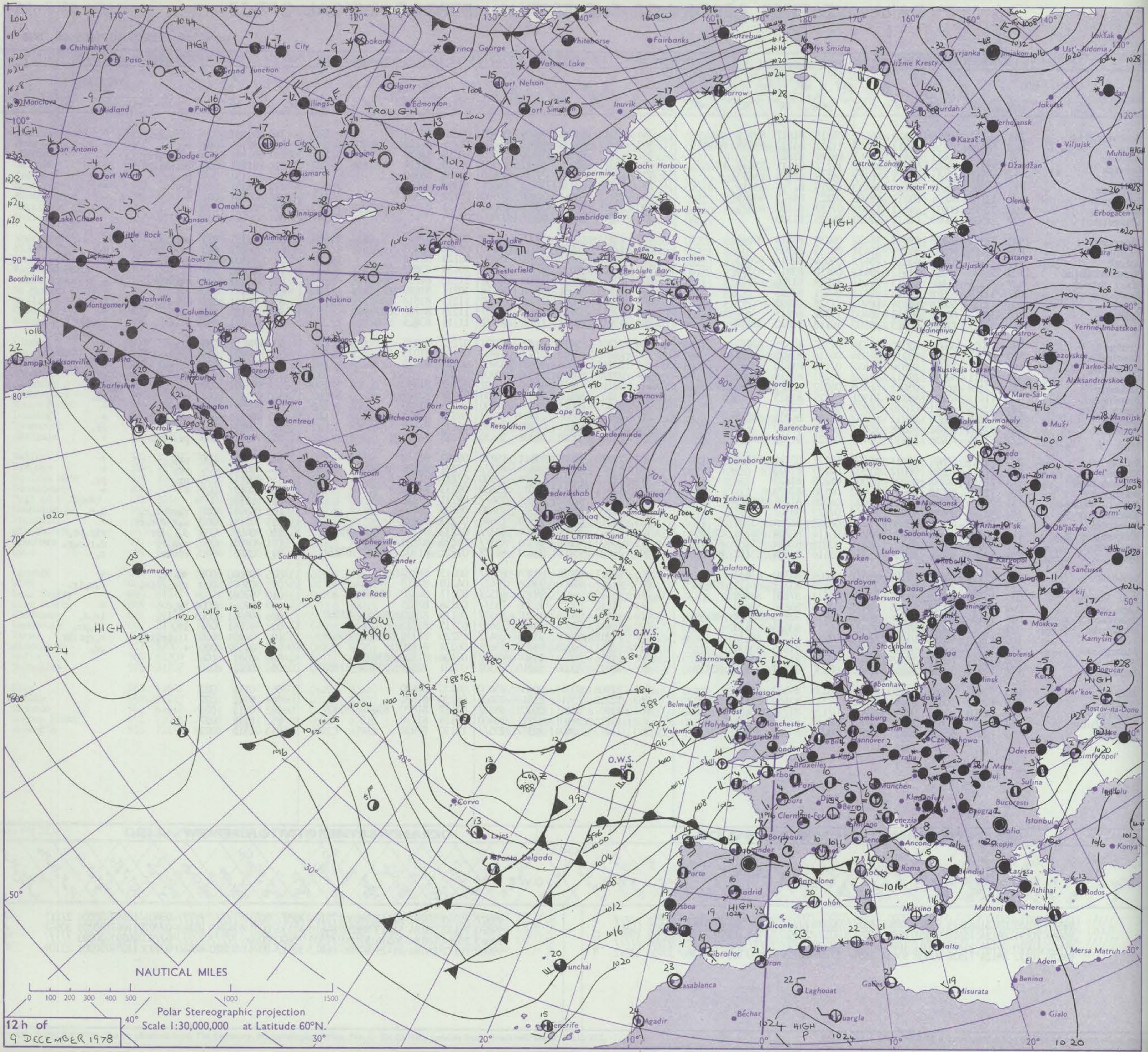
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	09121	82619	97022	74505	835//	00208	/////	/////	05403	10721	31112	/////
	99569	70191	09124	71614	97251	81910	39432	00226	83910	83365	0//06	11061	30403	18908
	99662	10016	09124	41117	97011	10905	45400	00101	/////	/////	0//50	10621	30303	/////
	99470	70172	09124	71926	97038	95614	3857/	51106	81826	83650	0//11	11366	30402	23012

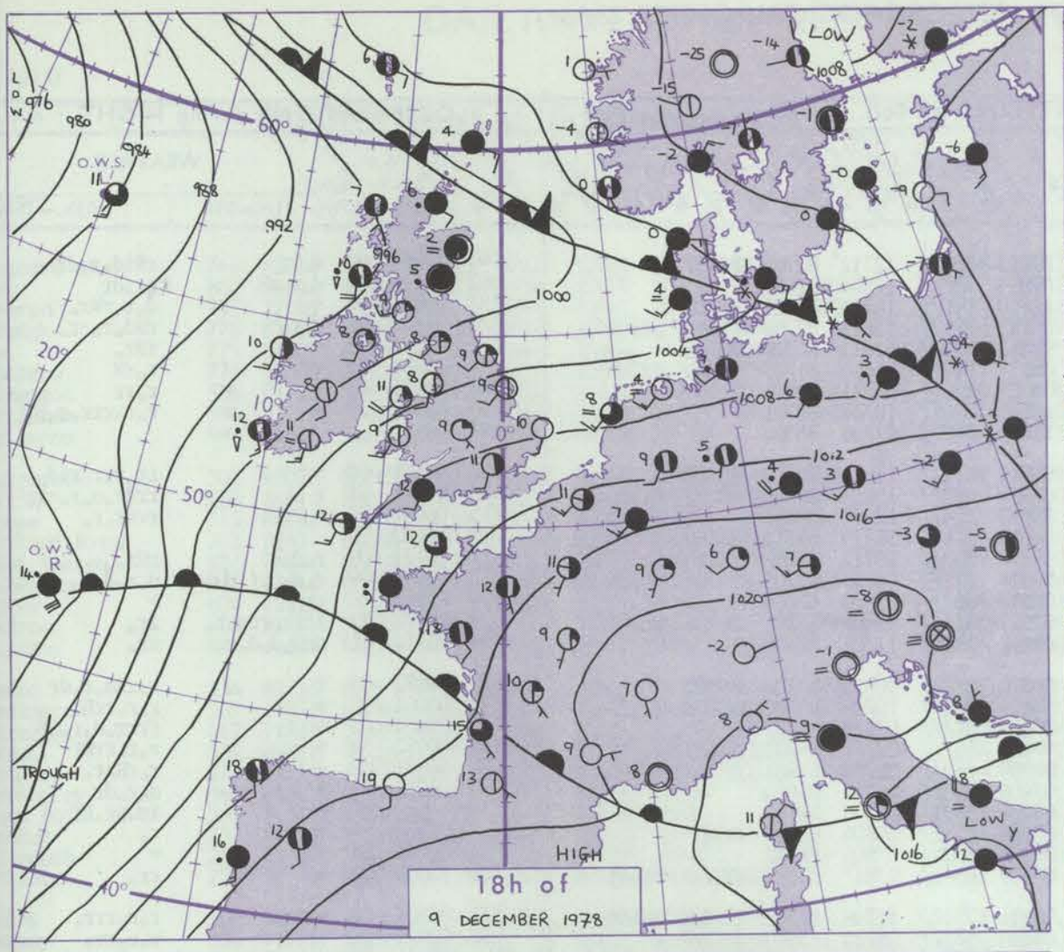
OCEAN WEATHER STATION REPORTS at 18h.

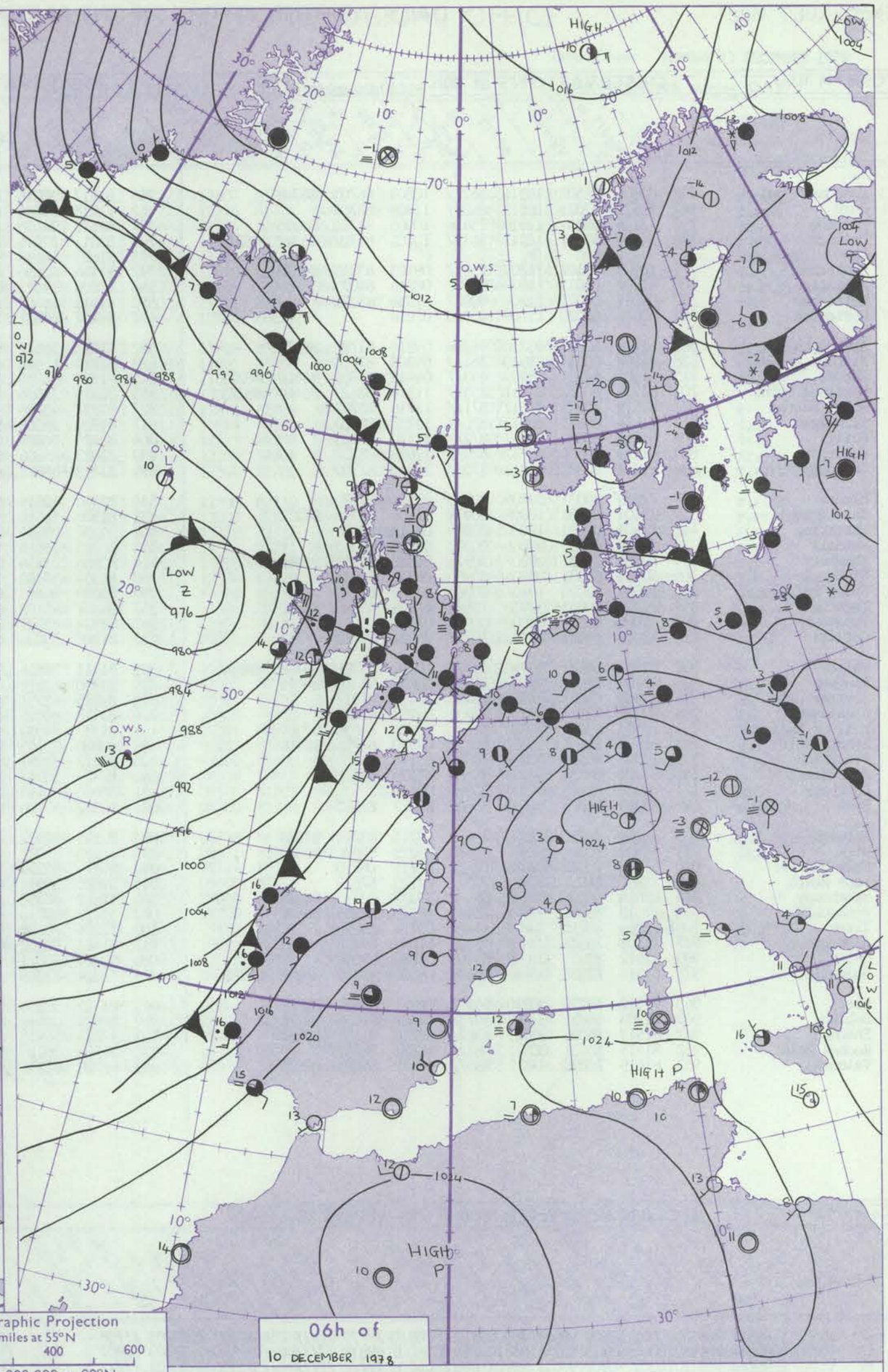
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	09181	82413	98032	75104	855//	00310	/////	/////	05401	10699	30606	27211
	99570	70192	09184	61815	98031	84810	41432	00316	84818	83362	0//07	11067	30303	20907
	99663	10014	09184	30516	97020	11505	35400	00106	/////	/////	0//50	10591	30303	/////
	99469	70172	09184	81429	97606	86913	3252/	00761	83820	88460	0//13	11379	30301	23109

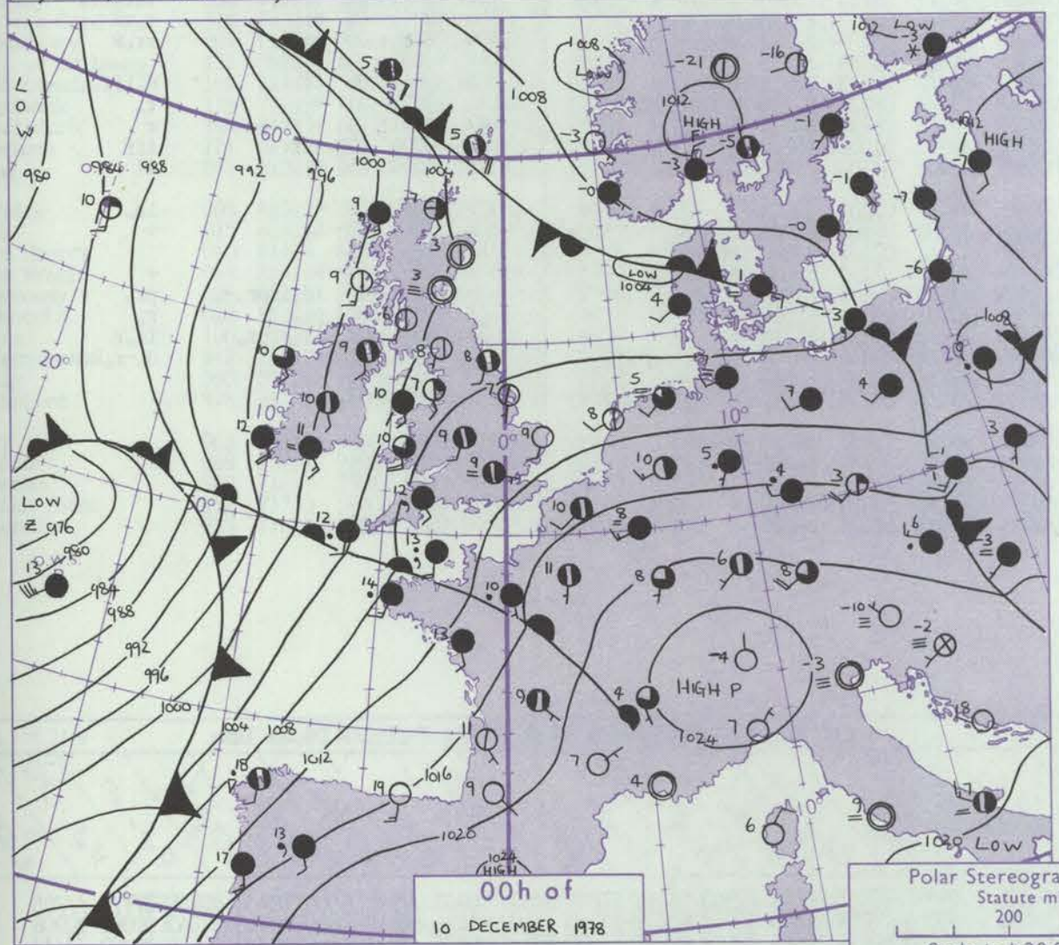
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday SUNDAY 10 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a trough of low pressure over central Scotland has moved slowly north. A developing low to the southwest moved northeast towards Ireland, later turning north, and its associated fronts moved northeast in western and southern districts of England and Wales.

During the next 24 hours the low to the west is expected to move away northwestwards and the associated trough move north across northern England and Scotland. Meanwhile a further low near the Azores is expected to deepen as it moves northeast towards Ireland.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

OBSERVATIONS at 00h. 10 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81609	56502	10511	862//	10809	86703	88706	
Hurn	862	81512	62021	10512	862//	11808	88704		
Manston	797	72114	68031	12910	25436	10005	81710	86275	
Gatwick	776	81806	40101	12111	56357	10101	85707	86362	88270
Kew									
Heathrow	772	70905	57101	11209	754//	09103	83711	86622	
Honington	586	41907	68011	11509	00902	08216	84075		
Wattisham	590	82011	60021	12208	00907	07214	88275		
Gorleston	497	02010	66020	11709	00900	07218			
Aberporth	502	61719	60011	05710	16306	09814	81707	86272	
Filton	628	71107	50031	09310	764//	09808	87715		
Rhoose	715	81005	66031	08509	653/7	09712	82708	86610	88275
Hartland Point	703	81514	70032	05911	25517	11818	82625	85460	88275
Mount Batten	827	81512	28635	07612	871//	12716	88702		
St.Mawgan	817	81514	04635	06112	870//	12718	88700		
Scilly	804	81813	60634	04012	872//	11730	88705		
Culdrose	809	81510	12604	06112	870//	12619	88701		
Guernsey	894	81818	20586	09913	870//	13611	87700		
Elmdon	534	72010	64031	09409	00905	07501	87270		
Cardington	559	72104	60031	10808	30978	07107	82360	87272	
Wittering	462	71403	62031	10406	00904	06112	87075		
Watnall	354	51404	65031	09606	00902	06218	85075		
Shawbury	414	72106	75031	08207	50976	06802	82362	85464	87272
Finningley	360	50903	62031	08704	00906	04216	85275		
Spurn Point	396	11806	12020	10107	00908	06226	81275		
Leeming	257	71708	80031	07910	755//	07224	85620	86630	
Tynemouth	262	01905	61028	06608	00900	07224			
Carlisle	222	12007	65031	06108	10932	06221	81362		
Valley	302	81510	58031	06110	853//	10000	83706	86709	88614
Ringway	334	42108	75031	08108	10934	06006	81360	84075	
Squires Gate	318	31608	65031	07307	25401	06112	81617		
Ronaldsway	204	22002	65011	05310	00902	09107	82072		
Mull of Galloway	131	72113	80031	03710	1563/	09106	81630	87360	
Eskdalemuir	162	81605	58101	05707	862//	07120	84705	88708	
Prestwick	135	12008	80020	04206	10940	05116	81360		
Abbotsinch	140	32004	68038	04108	35400	06125	83618		
Leuchars	171	00000	05466	04903	00900	03127			
Dyce	091	10000	63016	04403	15600	03227	81645		
Lerwick	005	71218	70022	07005	754//	02215	83711	87618	
Wick	075	51509	70016	03507	25530	05221	82620	85360	
Sule Skerry	010	61419	70022	02008	624//	06219	86810		
Cape Wrath	049	71805	74031	00807	755//	07223	87625		
Stornoway	026	81614	65506	99609	854//	09213	83710	88618	
Benbecula	022	72010	80038	99309	784//	08229	82818	86631	
Tiree	100	11913	66018	00709	11401	09124	81818		
Aldergrove	917	71508	70021	02809	7093/	07006	87358		
Malin	980	21612	82031	01008	25600	06213	82640		
Belmullet	976	61310	72038	97410	4543/	08806	81719	84645	85362
Birr	965	71512	70038	00910	656/2	09811	86631	85070	
Dublin	969	81203	66031	03209	15737	06801	81656	88270	
Shannon	962	81513	75026	99411	1567/	09716	81635	88460	
Roches Point	952	81415	30101	00511	861//	11823	88702		
Valentia	953	81419	70038	97812	885//	10829	85821	88635	

OBSERVATIONS at 06h. 10 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81917	70216	07013	853//	12712	82708	88617	
Hurn	862	71918	65016	07813	756//	12504	87631		
Manston	797	81512	24635	10810	870//	10714	83701	88703	
Gatwick	776	82011	57616	09113	872//	12615	82704	86705	88710
Kew	775	81603	48616	08512	873//	11615	86707	88710	
Heathrow	772	81406	45656	08111	872//	11616	81703	86706	88708
Honington	586	81208	12621	09509	870//	09711	88701		
Wattisham	590	81512	16602	10110	870//	10714	88701		
Gorleston	497	81707	60031	11008	8097/	07706	88360		
Aberporth	502	81823	56616	99811	871//	11620	84702	88708	
Filton	628	82110	60586	04914	873//	13613	84708	88711	
Rhoose	715	81906	66016	03913	854//	12617	88613		
Hartland Point	703	82325	72606	01014	4742/	13519	84715	88560	
Mount Batten	827	82027	45626	04114	853//	13711	81708	88616	
St.Mawgan	817	81920	35586	02014	872//	14710	81703	84704	88706
Scilly	804	82124	50026	00313	862//	13610	88705		
Culdrose	809	82023	25606	02513	871//	13607	82702	86704	88707
Guernsey	894	21713	65016	08512	25602	11707	82640		
Elmdon	534	81410	40614	06310	7722/	10720	87703	88550	
Cardington	559	81506	56616	08111	873//	10716	85706	88708	
Wittering	462	91207	03624	08107	9////	07819	89///		
Watnall	354	80705	18616	07407	852//	07717	86703	88620	
Shawbury	414	80806	18656	04509	860//	08723	84701	86704	88706
Finningley	360	81304	58102	07406	855//	06711	88620		
Spurn Point	396	81609	04464	09006	8091/	06708	88460		
Leeming	257	81607	45102	07406	5582/	05804	85657	88462	
Tynemouth	262	81914	61021	06908	8092/	07806	88458		
Carlisle	222	81208	59031	04109	6562/	07817	82630	86650	88465
Valley	302	81111	62616	99811	7547/	11738	81710	87618	88458
Ringway	334	81310	62616	05310	5737/	09724	85709	88360	
Squires Gate	318	81115	62031	03709	4547/	08827	84613	88359	
Ronaldsway	204	81118	65021	00210	1647/	08736	81712	88463	
Mull of Galloway	131	81517	74032	00509	855//	08723	88625		
Eskdalemuir	162	80000	25105	04607	854//	06813	83712	88622	
Prestwick	135	81213	70031	01809	5547/	08717	82710	83620	85650
Abbotsinch	140	80707	59041	02607	854//	06710	84711	87615	
Leuchars	171	30000	06424	05401	35500	01000	83620		
Dyce	091	10302	40100	05851	00902	51106	81075		
Lerwick	005	81215	60022	08405	854//	03205	88614		
Wick	075	51413	75031	04607	55300	06107	83706	83635	
Sule Skerry	010	81115	66256	03108	3247/	07102	83810	88458	
Cape Wrath	049	31805	84011	01807	35500	07103	83625		
Stornoway	026	31612	80258	00409	38400	09805	81818	83630	
Benbecula	022	31312	80018	97908	25402	07820	82616	83070	
Tiree	100	71224	70030	97809	764//	08726	87712		
Aldergrove	917	81417	60502	97010	862//	09840	84705	85708	88712
Malin	980	81329	82021	95210	6563/	08738	86642	87360	
Belmullet	976	71024	62258	86111	734//	09770	81717	87922	86922
Birr	965	81515	56616	94212	6642/	12627	86710	88458	
Dublin	969	81324	40516	95511	861//	10747	86701	87702	
Shannon	962	31715	70215	88013	35500	11752	83620		
Roches Point	952	31725	50216	92312	36400	12626	83710		
Valentia	953	61728	65036	86714	62400	10517	86816		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	14081	05	d_LRr	$rRid_or_odr$
Hurn	862	10111	10	d_or_orR	rr_odr
Manston	797	05091	07	+	$d_or_orRr_or_o$
Gatwick	776	07102	07	d_or_o	$rRd_or_o-r_o$
Kew	775	09071	03	+	rRr_o
Heathrow	772	09081	05	+	r_orR
Honington	586	03071	02	+	r_orr
Wattisham	590	05072	05	+	$r_or_orrr_or_of$
Gorleston	497				
Aberporth	502	01101	08	+	$ir_or_orid_o$
Filton	628	07071	01	r	$rrRr_od_or_o-ir$
Rhoose	715	06091	05	r_orrf	$rrfr_or_o$
Hartland Point	703	02102	09		
Mount Batten	827	10121	09	r_od_oR	rRr_o
St.Mawgan	817	05091	09	$d_od_orrffdr$	$d_or_od_or_o$
Scilly	804	05111	11	rr	+
Culdrose	809	08122	11	$ffir_orrr_or_o$	ir_o
Guernsey	894	03111	11	$drd_od_od_or_o$	ir_o
Elmdon	534	07072	03	f	$r_orRd_or_odr$
Cardington	559	05061	01	+	r_or_orrR
Wittering	462	05051	03	+	$frrr_od_or_off$
Watnall	354	07052	51	+	r_or_orRf
Shawbury	414	06071	03	+	r_orRrr_o
Finningley	360	01031	51	+	d_or_odr
Spurn Point	396			+	id_opr_oFf
Leeming	257	97051	04	+	r_o
Tynemouth	262	00061	04	+	+
Carlisle	222	93051	01	+	rr_o
Valley	302	03101	08	+	$r_or_orrr_o$
Ringway	334	02071	05	+	$r_or_orr_o$
Squires Gate	318	02041	01	+	r_orR
Ronaldsway	204	03081	03	+	rr_oR
Mull of Galloway	131	91091			
Eskdalemuir	162	97061	02	ff	d_offr_o
Prestwick	135	97051	51	+	r_o
Abbotsinch	140	93041	01	+	r
Leuchars	171	00001	52	iff	iff
Dyce	091	00523	56	+	if
Lerwick	005	97041	03	+	id_o
Wick	075	97061	03	ir_o	+
Sule Skerry	010	01061	05		
Cape Wrath	049	00051	03	+	+
Stornoway	026	01071	05	id_oirpr_o	pr_o
Benbecula	022	93051	00	pr_o	r_o
Tiree	100	01091	07	ir_oprpr_o	ir_or
Aldergrove	917	03062	03	+	$d_o-r_oRrr_o$
Malin	980	0007	05		
Belmullet	976	0109	07		
Birr	965	9610	05		
Dublin	969	9508	04		
Shannon	962	0109	07		
Roches Point	952	0411	09		
Valentia	953	0911	09		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	10001	52209	98021	76905	51500	00210	/////	/////	05401	10721	3//03	///08
L	99569	70198	10004	31713	98251	86810	22401	61002	82818	/////	0//06	11084	30303	20907
M	99663	10012	10004	60908	97021	13104	65400	00208	/////	/////	0//52	10628	30101	/////
R	99471	70172	10004	82237	97256	80413	785//	51309	84820	85626	0//12	11361	30712	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	10061	62503	98021	77804	32530	00207	/////	/////	05451	10709	3////	///05
L	99569	70204	10064	11012	98011	83110	12400	61826	81818	/////	0//07	11043	30302	20906
M	99663	10011	10064	80907	97022	14405	854//	00204	/////	/////	0//51	10620	30202	/////
R	99469	70173	10064	32334	97018	87212	32500	51130	83820	/////	0//09	11378	30920	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42753

Date of Issue MONDAY 11 DECEMBER 1978

OBSERVATIONS at 12h. 10 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	81912	40586	07113	872//	13801	86703	88706	
Hurn	862	81812	40606	07313	6532/	13802	85708	85614	88530
Manston	797	72016	70026	09613	58472	11812	81815	85650	87360
Gatwick	776	82012	57516	08613	873//	12807	83706	88708	
Kew	775	81909	65026	07614	854//	13806	86710	88620	
Heathrow	772	81808	70605	07613	873//	13803	84708	88710	
Honington	586	81813	50616	07612	4737/	11711	84706	85358	88462
Wattisham	590	81812	50626	08212	5527/	11711	81705	85620	88359
Gorleston	497	81916	56256	08210	864//	09720	88710		
Aberporth	502	82020	60215	00513	6532/	11307	83709	85640	88460
Filton	628	81811	63016	04914	5537/	13003	84708	88359	
Phoose	715	81713	68606	04014	6557/	13000	86622	88460	
Hartland Point	703	82417	64036	01614	5447/	11007	85610	88360	
Mount Batten	827	81818	57216	04214	853//	13801	86707	88638	
St.Mawgan	817	82016	60026	02215	6637/	12000	83708	84710	88459
Scilly	804	72218	56021	00813	2547/	13801	82618	86460	
Culdrose	809	82019	30106	02413	850//	13802	82700	84703	88615
Guernsey	894	71614	66216	07713	7557/	11807	82620	86640	
Elmdon	534	81710	62215	03814	853//	13807	85708	87710	88635
Cardington	559	71911	63016	06514	6543/	13805	84712	85625	87359
Wittering	462	71814	56516	05713	753//	13811	85706	85708	86614
Watnall	354	81812	40216	04313	872//	12717	86704	88708	
Shawbury	414	71715	65036	02015	38332	13607	81708	83816	87072
Finningley	360	81507	50216	04011	872//	11806	88704		
Spurn Point	396	81517	20216	05708	864//	08721	88715		
Leeming	257	81512	13214	02809	860//	09723	88701		
Tynemouth	262	81720	39616	03409	864//	09717	88710		
Carlisle	222	81714	62026	99112	2547/	10721	81712	88465	
Valley	302	81826	61216	99112	5542/	11306	85604	88459	
Ringway	334	71712	58216	02414	28336	12606	81706	86359	
Squires Gate	318	71516	57046	01313	755/8	12502	83620	86630	87272
Ronaldsway	204	81716	58016	98213	853//	11305	81709	83711	85616
Mull of Galloway	131	81815	60216	96210	7722/	10302	87703		
Eskdalemuir	162	81414	58606	99109	854//	08727	86710	88620	
Prestwick	135	71719	70016	96611	6842/	09818	81712	83622	85650
Abbotsinch	140	81111	68216	96910	7542/	08734	84714	86635	88460
Leuchars	171	81120	50614	00509	6532/	07828	83708	84620	88460
Dyce	091	81312	45104	03008	5622/	08820	85704	88460	
Lerwick	005	81321	58505	07506	853//	04806	83707	88614	
Wick	075	81416	62052	02508	6537/	07712	82708	83615	88460
Sule Skerry	010	81419	60022	99508	4247/	07724	84810	88458	
Cape Wrath	049	81414	80252	98007	885//	06719	82820	88625	
Stornoway	026	81118	75211	94309	1557/	07838	81622	85359	88463
Berbecula	022	81322	65616	91409	854//	08739	82710	84615	88635
Tiree	100	81331	61216	91210	7541/	09727	83712	87618	88459
Aldergrove	917	71712	65036	93913	25301	10305	81707	87070	
Malin	980	31724	75256	89913	28402	10802	81711		
Belmullet	976	61736	74038	83812	634//	06803	81717	85820	82920
Birr	965	51812	66036	92412	42502	09112	84820	83070	
Dublin	969	72014	70035	95513	15508	08213	81624	87268	
Shannon	962	11819	70018	90313	18501	07003	81820		
Roches Point	952	71730	50108	93712	684/2	10004	84818	84629	85070
Valentia	953	71828	65021	88213	72500	08003	87822		

OBSERVATIONS at 18h. 10 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	81913	57636	04312	872//	12607	85704	88707	
Hurn	862	81712	40636	04012	4722/	12716	81704	84715	88539
Manston	797	71411	65022	07112	25672	11715	82635	85362	
Gatwick	776	71807	62216	05712	754//	11714	81710	87622	
Kew	775	81705	60216	05313	856//	11710	88636		
Heathrow	772	81405	58216	05012	855//	12810	82628	88638	
Honington	586	81609	50606	05413	4732/	12608	83709	88459	
Wattisham	590	71412	57016	06312	5533/	11611	83708	84624	87360
Gorleston	497	61911	60026	06610	655//	10706	86625		
Aberporth	502	81824	50616	97612	852//	11708	83705	88614	
Filton	628	81913	62616	01913	5732/	11001	85706	88540	
Phoose	715	81412	66606	00412	6547/	11807	82612	85615	88358
Hartland Point	703	82118	64602	98113	864//	13609	88710		
Mount Batten	827	81717	58216	00213	2732/	12815	82706	88459	
St.Mawgan	817	81716	57625	98313	871//	12814	83702	86703	88710
Scilly	804	62118	56216	96913	55370	12711	84708	85620	
Culdrose	809	81918	30216	98613	6722/	12709	84704	83706	88459
Guernsey	894	81809	45656	04412	870//	12506	82701	84702	87707
Elmdon	534	81714	62602	01913	4542/	11808	82710	83616	88458
Cardington	559	81710	60636	04413	2567/	13607	82640	88461	
Wittering	462	81714	62616	03614	854//	13712	82710	86647	88656
Watnall	354	81810	58606	02513	6542/	12505	83711	84650	88459
Shawbury	414	71713	66012	99513	2542/	11813	82618	83459	
Finningley	360	81510	59606	02212	5557/	12504	85625	88460	
Spurn Point	396	81812	56606	03411	864//	10708	88710		
Leeming	257	81510	15104	00911	864//	11504	88710		
Tynemouth	262	82010	40106	00111	864//	11603	88714		
Carlisle	222	71906	62028	98512	685/2	09505	82820	86645	
Valley	302	81622	58102	96911	2567/	10507	82640	88460	
Ringway	334	81713	60022	00614	2542/	11605	81715	88464	
Squires Gate	318	81409	56048	99113	7857/	12607	81822	87638	
Ronaldsway	204	81510	59052	97011	6642/	10506	81710	86714	88463
Mull of Galloway	131	81910	60032	95211	6641/	10311	86710	88460	
Eskdalemuir	162	81903	35106	98509	853//	09503	83707	88618	
Prestwick	135	61508	70031	96111	25502	09306	82620	86075	
Abbotsinch	140	71507	68026	96211	58432	08208	81818	85628	86070
Leuchars	171	73602	56106	98409	4527/	08500	81705	84620	86360
Dyce	091	81512	08416	97809	860//	09508	85700	88701	
Lerwick	005	81324	58216	02907	853//	06728	86708	88615	
Wick	075	81421	50106	97109	862//	08621	85704	88710	
Sule Skerry	010	81430	60036	94309	864//	09721	88710		
Cape Wrath	049	71119	80022	93009	755//	09608	87625		
Stornoway	026	61713	80036	91111	28532	09603	81820	83365	85070
Berbecula	022	71624	60056	89011	35432	09303	81715	83360	85070
Tiree	100	71427	61031	90311	15706	09102	81650	87270	
Aldergrove	917	41516	62041	92310	15531	09608	81620	83070	
Malin	980	71628	75031	88511	3841/	07802	81818	83638	87463
Belmullet	976	61833	70028	84012	634//	06215	81717	85820	82920
Birr	965	81407	58606	90609	864//	08801	87711	87630	
Dublin	969	71614	65032	93612	16422	07704	81719	85461	86070
Shannon	962	72015	59818	89210	735//	09306	85922	84640	
Roches Point	952	71726	50106	91212	7647/	11503	87711	87459	
Valentia	953	51612	70258	87509	58500	07002	83822	84635	

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	15131	000	d.r.drr.	r.rrr.
Hurn	862	25142	000	d.r.-r.rR	r.rrR
Manston	797	97151	006	r.	ir.
Gatwick	776	04141	001	r.-d.r.DRdrd.	r.rR
Kew	775	15142	000	r.r	r.r.rRRR
Heathrow	772	19142	000	r.rRd.r.	r.rr.r.RR
Honington	586	04131	000	r.r	ir.r.r.rR
Wattisham	590	01131	000	fr.r.r	r.r
Gorleston	497		000		
Aberporth	502	02141	000	id.ir.	ir.r.r.
Filton	628	04151	000	r.r.-r.	r.rRrrir.
Phoose	715	92141	000	r.	r.
Hartland Point	703	03152	000		
Mount Batten	827	01141	000	r.	r
St.Mawgan	817	02151	000	+	d.ir
Scilly	804	97131	000	+	ir.
Culdrose	809	93131	000	+	ir.
Guernsey	894	16142	000	ir.irir.r.r.	r.r.rrRRrr
Elmdon	534	04152	000	r.d.	r.r.rr
Cardington	559	06152	000	r.rr.r.	r.rr.r.rr
Wittering	462	04141	000	d.r.ffr.r	r.r.
Watnall	354	06131	000	Rrr.f-r.	r.rr
Shawbury	414	91151	002	r.	r.
Finningley	360	04131	000	d.r.Rdrr.r	r.r.r
Spurn Point	396			ir.r.r.	ir.r.r.
Leeming	257	03121	000	r.r.rf	f
Tynemouth	262	95121	000	r.r.	+
Carlisle	222	01131	000	r.rpr.	r.
Valley	302	97131	000	r.	+
Ringway	334	97151	000	r.	r.
Squires Gate	318	97141	002	ir.pr.	+
Ronaldsway	204	94131	000	r.d.r.	r.
Mull of Galloway	131	02111			
Eskdalemuir	162	07111	000	r.rR	r.
Prestwick	135	91131	000	ir.r.r.	+
Abbotsinch	140	96131	000	rdrd.r.ir.	+
Leuchars	171	01091	000	r.r.	ir.
Dyce	091	05091	000	ffifr.r	rr.ir.d.f
Lerwick	005	03072	000	id.d.r.	d.d.ir.irrr
Wick	075	02091	000	r.r.	irir.
Sule Skerry	010	01091			
Cape Wrath	049	97101	000	pr.	+
Stornoway	026	03111	000	r.rir.	+
Berbecula	022	05111	000	ir.r.r.rr	+
Tiree	100	04121	006	rr.rR	ir.R
Aldergrove	917	00132	022	+	+
Malin	980	0213	032		
Belmullet	976	0212	000		
Birr	965	0613	023		
Dublin	969	0114	000		
Shannon	962	0113	034		
Roches Point	952	9712	000		
Valentia	953	0114	000		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

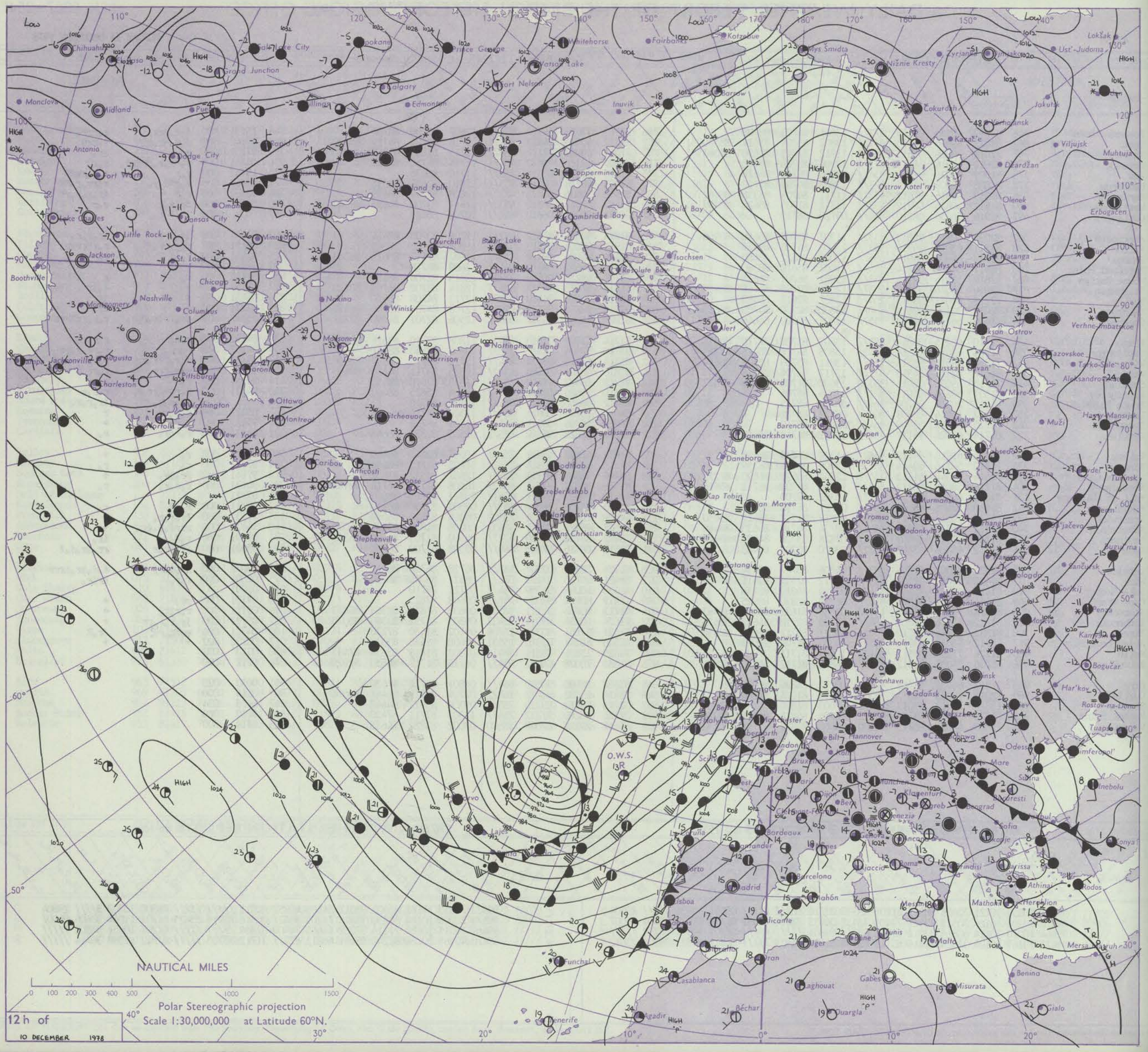
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	10121	72601	98021	81105	68530	00216	/////	/////	05451	10701	3////	29804
	99570	70205	10124	70523	97021	77409	32432	00833	83814	83362	0//06	11079	30604	10007
	99664	10010	10124	60814	97012	15005	654//	00801	/////	/////	0//01	10591	30202	/////
	99471	70169	10124	31924	97018	85113	32500	51817	83823	/////	0//11	11331	30504	23012

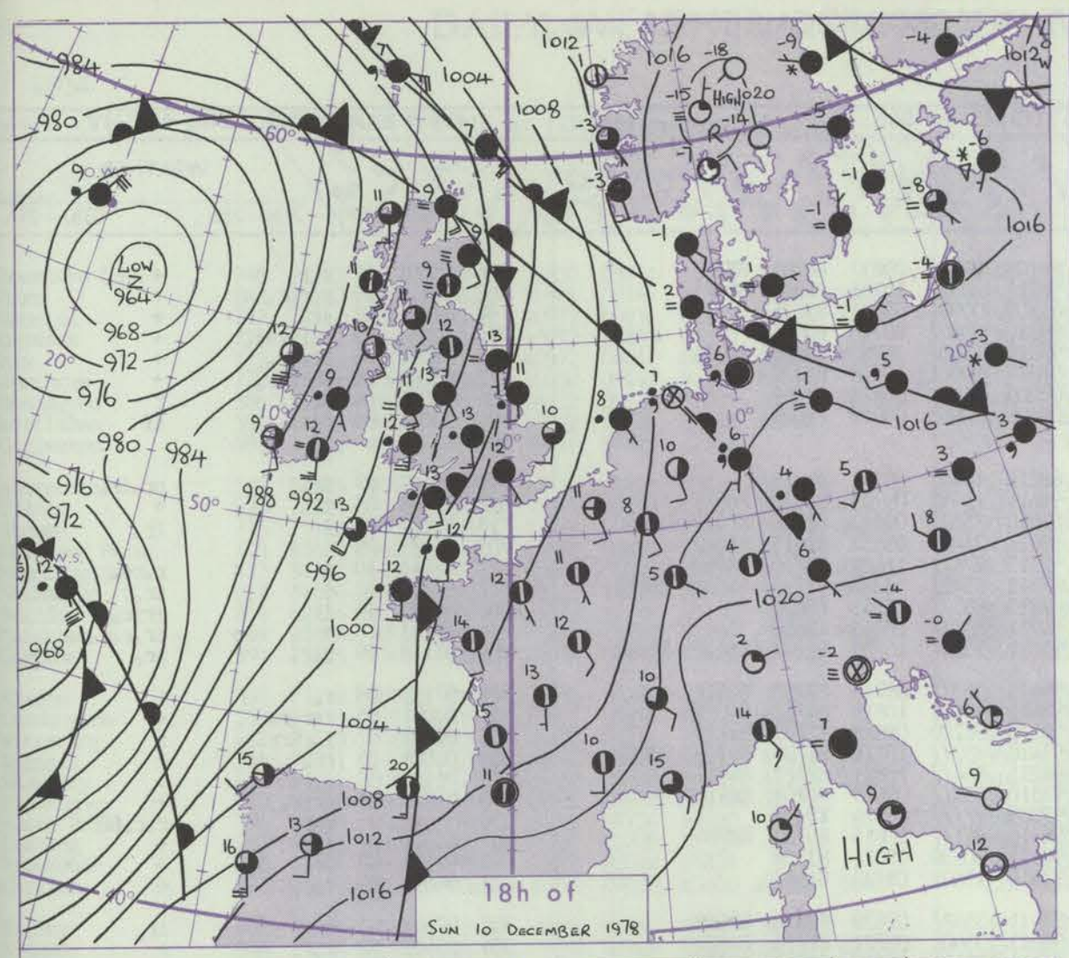
OCEAN WEATHER STATION REPORTS at 18h.

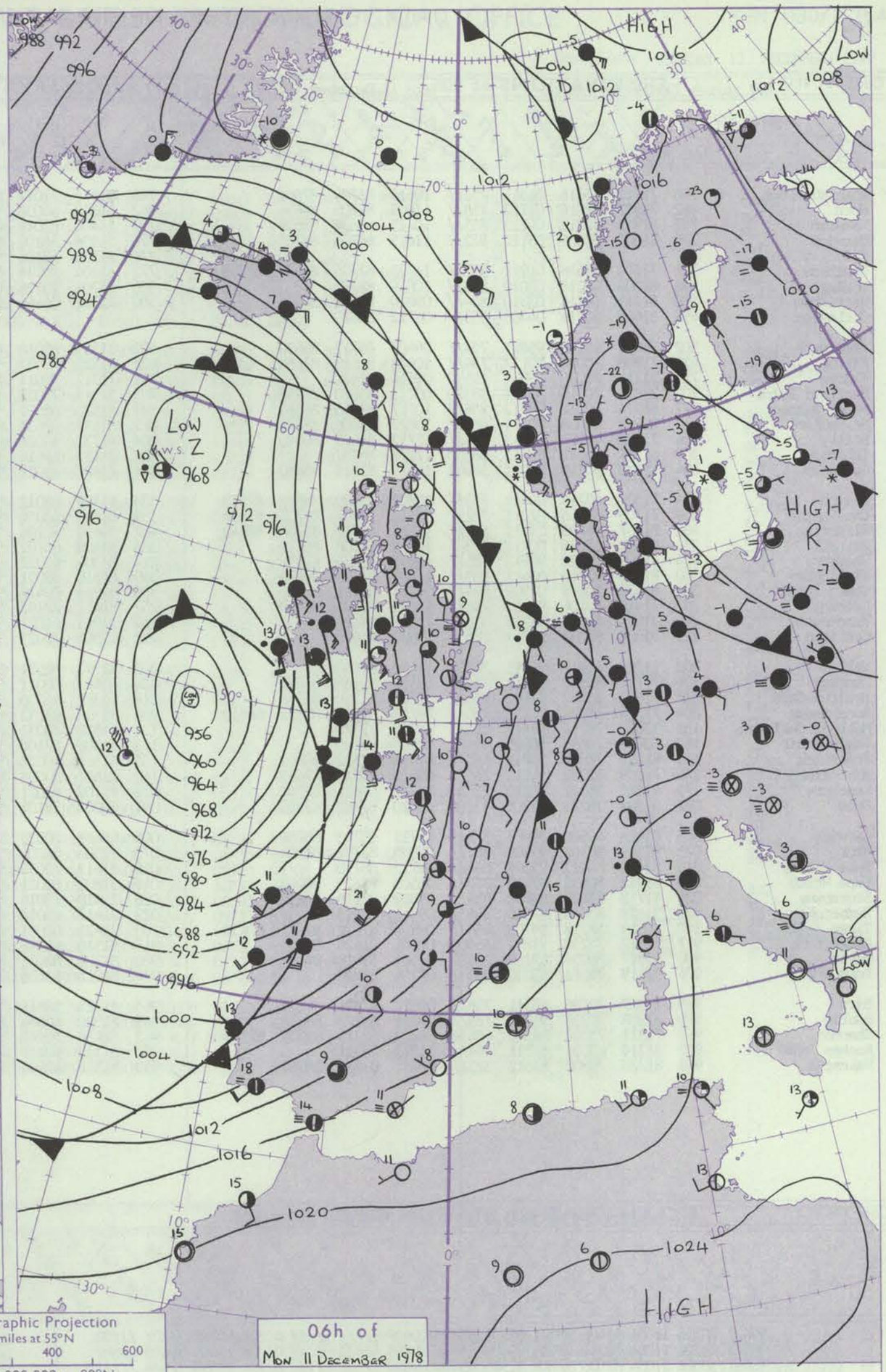
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	10181	61402	98012	84505	40952	00211	/////	/////	05300	10707	3////	29804
	99570	70206	10184	80230	97618	71209	5542/	00516	83710	85625	0//07	11044	30606	06007
	99660	10019	10184	71114	97252	14605	78400	32604	/////	/////	0//01	10651	30202	/////
	99470	70169	10184	81240	95631	66011	872//	31712	188705	/////	0//12	11398	30714	/////

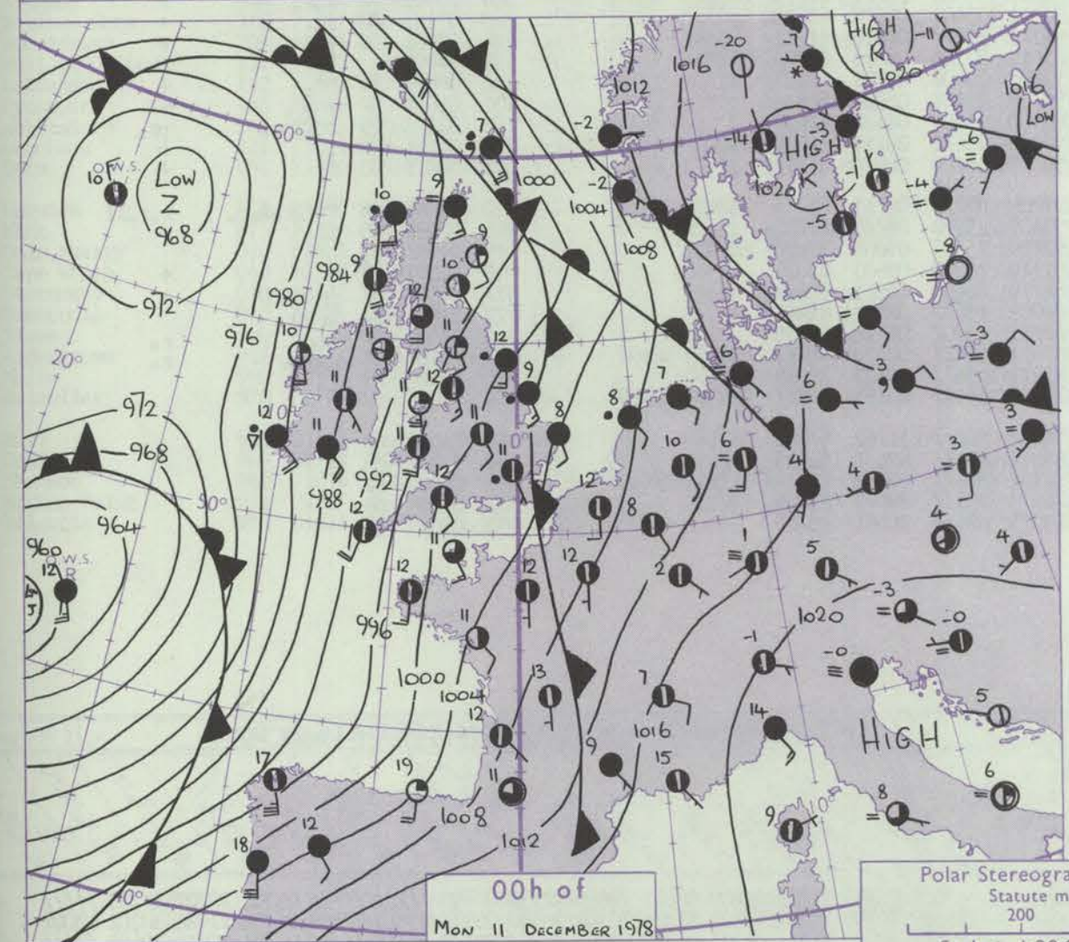
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday : MONDAY 11 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a deep depression to the west of Ireland moved away northwestwards as another deepening depression moved from the Atlantic to the southwest approaches of the British Isles. The airflow over Britain veered from southeasterly to southerly as a frontal system moved northeast across all parts.

During the next 24 hours the deep depression to the southwest of Britain is expected to move northwards off the west coast of Ireland with a frontal system moving northeastwards across all parts of the UK. The southerly airflow is expected to veer southwesterly over southern areas.

Code FM 11.V — OBSERVATIONS at 00h. 11 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71612	65016	01511	752//	10610	85704	87656	
Hurn	862	71407	58016	01712	753//	11609	82706	86656	
Manston	797	81914	62212	04212	855//	10715	85624	88656	
Gatwick	776	81807	57606	03112	872//	11615	84704	88705	
Kew									
Heathrow	772	71604	56616	01911	3527/	11721	81705	83630	87359
Honington	586	81003	45216	03010	873//	10616	88707		
Wattisham	590	81411	58216	03310	854//	09820	85612	88626	
Gorleston	497	81609	60216	04408	855//	08712	88620		
Aberporth	502	71822	65216	95811	754//	09607	85712	86630	
Filton	628	71808	75036	00112	754//	10608	85618	87656	
Rhoose	715	21711	70036	99311	15530	09614	81620		
Hartland Point	703	31814	70016	96511	38570	09713	83820	83358	
Mount Batten	827	61714	70022	98012	3567/	10717	83640	86360	
St.Mawgan	817	81719	65036	95411	863//	10827	85706	88708	
Scilly	804	71922	60031	92712	755//	12732	84623	86640	
Culdrose	809	61717	58031	95312	66300	11827	86707		
Guernsey	894	61513	80216	01011	58402	11813	82815	85640	
Elmdon	534	71508	68216	00411	753//	10707	82709	85612	87628
Cardington	559	71709	58616	02211	752//	11516	83704	85705	87656
Wittering	462	81607	56636	01611	851//	10716	85702	85704	88642
Watnall	354	81608	65026	00711	873//	10712	82708	88714	
Shawbury	414	71709	81026	98913	785//	10505	85824	87630	
Finningley	360	81508	62216	00411	853//	11804	83709	88623	
Spurn Point	396	81613	50616	01909	874//	09711	88711		
Leeming	257	71418	40106	98811	752//	11809	83704	87650	
Tynemouth	262	31820	61028	98212	35500	11808	83625		
Carlisle	222	31608	65036	96711	18531	09507	81820		
Valley	302	21723	65011	95511	25700	10802	82650		
Pingway	334	71711	80036	99012	754//	09508	83618	86626	
Squires Gate	318	71613	65032	97612	2563/	11507	82640	86359	
Ronaldsway	204	71716	68036	94711	784//	09713	81712	83824	86650
Mull of Galloway	131	32020	76251	92411	32500	10714	83820		
Eskdalemuir	162	60000	70036	96609	58502	08508	84825		
Prestwick	135	61810	70032	93712	685//	07613	81822	86645	
Abbotsinch	140	71109	62252	94211	785//	09612	81822	87645	
Leuchars	171	41511	58051	96210	25530	08712	81624	83360	
Dyce	091	31508	18285	95309	35100	09820	81702	83650	
Lerwick	005	81424	40586	99907	872//	06721	85703	88708	
Wick	075	81514	50102	95409	861//	09805	83702	88704	
Sule Skerry	010	81430	64022	93009	864//	09712	88710		
Cape Wrath	049	81912	80032	92410	3557/	08500	83625	88460	
Stornoway	026	81718	66628	90610	854//	09603	82618	88635	
Berbecula	022	31628	65016	87510	16431	09811	81715		
Tiree	100	71618	58216	89209	4547/	09806	82712	83627	87458
Aldergrove	917	51612	75258	91811	55500	08301	81628	85650	
Malin	980	41617	86036	89109	28402	07501	81818	84075	
Belmullet	976	31619	74011	85010	28532	07204	81820		
Birr	965	71507	70036	88311	756/2	09817	87631		
Dublin	969	71208	70258	91812	785//	09801	83823	86630	
Shannon	962	71311	75038	86510	48436	09822	82715	83359	87270
Roches Point	952	81318	65031	88211	864//	11823	88711		
Valentia	953	81220	70808	83512	3251/	09832	83820	88460	

OBSERVATIONS at 06h. 11 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71115	72012	96109	7762//	09837	86703	87705	
Hurn	862	61208	80038	96111	20932	10736	82360	86075	
Manston	797	11406	62016	01209	00901	09721	81075		
Gatwick	776	51306	58106	99110	00902	09726	85075		
Kew	775	41505	58106	98610	15601	10720	81630	84075	
Heathrow	772	11104	59016	98310	00901	10728	81070		
Honington	586	41704	20116	00209	36102	09613	82702		
Wattisham	590	11311	06466	00609	00902	09619	81075		
Gorleston									
Aberporth	502	21523	80016	88211	18402	08741	81815		
Filton	628	61520	70032	93611	11432	09739	81815	86075	
Rhoose	715	71317	70011	92810	25532	09643	82620	87070	
Hartland Point	703	51513	75021	89411	2443/	08638	82615	85360	
Mount Batten	827	81520	62602	92113	2747/	11626	82710	88460	
St.Mawgan	817	81432	62636	87312	4542/	10750	81710	84635	88460
Scilly	804	81731	60026	82913	855//	13741	88620		
Culdrose	809	81423	64616	86912	857//	10745	88650		
Guernsey	894	71420	70022	94011	5533/	10739	81707	85640	87360
Elmdon	534	61409	68012	96410	653//	09719	83708	85612	
Cardington	559	61708	60056	98611	46401	10819	84712	84075	
Wittering	462	51410	50106	98110	56200	09825	82703	84712	
Watnall	354	81408	65102	97410	852//	10718	81705	84708	88616
Shawbury	414	81309	68022	94211	854//	10821	82712	88616	
Finningley	360	81510	58031	97510	853//	09619	84708	88618	
Spurn Point	396	91916	03476	99009	9////	09524	89////		
Leeming	257	81412	22102	96710	861//	10615	85702	88704	
Tynemouth	262	31915	61021	96111	30930	09821	83358		
Carlisle	222	21508	70021	93610	15601	08722	81648		
Valley	302	81317	80031	89411	3552/	07839	83624	88462	
Pingway	334	41611	80011	95611	35401	09721	81710	83622	
Squires Gate	318	61312	65036	94311	35601	09818	83630	84075	
Ronaldsway	204	81314	62032	91211	854//	08616	81712	88634	
Mull of Galloway	131	51820	80031	89610	27206	09823	82705	85270	
Eskdalemuir	162	21508	57108	93808	25600	08721	82635		
Prestwick	135	21514	70028	90709	25400	08726	81616		
Abbotsinch	140	31507	80038	91910	25501	08517	82620		
Leuchars	171	41108	62021	94208	15632	08711	81630	84070	
Dyce	091	12003	28101	94509	16100	08810	81702		
Lerwick	005	81618	50026	97208	872//	08711	84705	88708	
Wick	075	11508	56104	93409	15200	08713	81705		
Sule Skerry	010	81613	70036	92109	15507	09605	81620	88275	
Cape Wrath	049	31809	80021	91110	35500	09603	83625		
Stornoway	026	21410	75016	88710	25600	08815	82640		
Berbecula	022	21413	65018	86909	15602	08512	81640		
Tiree	100	21425	60051	86711	15602	09725	81630		
Aldergrove	917	81516	65218	87511	5542/	09720	81711	84615	88460
Malin	980	81325	82031	85211	4567/	09625	84645	87459	
Belmullet	976	81015	66606	75411	6647/	08763	84717	86638	88459
Birr	965	81325	58616	79412	863//	11762	87708	88714	
Dublin	969	81520	60586	85811	864//	09631	84712	87715	
Shannon	962	81434	70616	74212	864//	09778	82715	84719	87630
Roches Point	952	81333	60216	75413	853//	09673	83709	88635	
Valentia	953	81532	62606	70013	864//	10561	88717		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
Boscombe Down	746	95091	07	r₀r₀	+
Hurn	862	01111	09	r₀rpr₀	+
Manston	797	91091	07	ir₀	+
Gatwick	776	02091	05	r₀r₀rRd₀	+
Kew	775	06091	04	Rrr₀r₀	+
Heathrow	772	03091	06	RRrr₀r₀	+
Honington	586	07081	06	Rrrr₀	f
Wattisham	590	03071	06	rrir₀	if
Gorleston	497				
Aberporth	502	94101	09	ir₀	pr₀ir₀
Filton	628	92101	08	ir₀	+
Rhoose	715	97101	08	+	ir₀
Hartland Point	703	04112	09		
Mount Batten	827	02111	10	+	r₀r
St.Mawgan	817	94111	10	+	ir₀r
Scilly	804	01121	10	ir	irir₀
Culdrose	809	92111	10	+	ir₀r₀r₀
Guernsey	894	01111	09	r₀r₀	pr₀
Elmdon	534	97101	08	r₀	+
Cardington	559	02071	05	rrr₀r₀	+
Wittering	462	06091	07	r₀rRrr	f
Watnall	354	01091	05	rr₀	+
Shawbury	414	01101	08	r₀rR	+
Finningley	360	01091	06	rr₀r₀	+
Spurn Point	396			r₀r₀	r₀r₀ffF
Leeming	257	01101	07	r₀r	+
Tynemouth	262	91101	08	pr₀	+
Carlisle	222	94091	05	r₀r₀R	+
Valley	302	97101	08	+	ir₀
Pingway	334	93101	08	r₀r₀	+
Squires Gate	318	97101	08	r₀	+
Ronaldsway	204	00101	08	+	+
Mull of Galloway	131	97091			
Eskdalemuir	162	94071	01	pr₀	+
Prestwick	135	01091	07	prpr₀	+
Abbotsinch	140	02101	05	rr₀Rpr₀	pr₀
Leuchars	171	00071	04	+	+
Dyce	091	00071	03	f	+
Lerwick	005	02061	06	rrr₀r₀d₀r₀	r₀r₀ff
Wick	075	00081	05	if	+
Sule Skerry	010	97081	07		
Cape Wrath	049	00091	07	+	+
Stornoway	026	95091	07	pr₀rir₀	+
Berbecula	022	91091	07	ir₀pr₀	
Tiree	100	05091	08	Rr₀r	r₀
Aldergrove	917	95102	07	r₀pr₀	r₀
Malin	980	0508	05		
Belmullet	976	08	07		
Birr	965	0409	08		
Dublin	969	9311	08		
Shannon	962	0509	07		
Roches Point	952	0409	09		
Valentia	953	0708	05		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11001	61405	98021	85105	60930	00607	/////	/////	05301	10717	3//01	///03
L	99571	70206	11004	73314	97016	70609	45502	00305	84622	86078	0//08	11048	30403	06007
M	99661	10018	11004	61020	97818	12905	69400	00603	/////	/////	0//01	10593	30404	/////
R	99468	70171	11004	81625	97036	61312	3552/	41831	83620	88460	0//09	11380	31014	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11061	41009	98011	78605	22530	00740	/////	/////	05302	10707	3//03	/////
L	99570	70206	11064	53214	97801	70309	58400	00803	83815	83630	0//08	11036	30202	03007
M	99662	10016	11064	81122	96818	09005	894//	00720	/////	/////	0//01	10614	30405	/////
R	99468	70170	11064	23230	97016	69412	25500	81281	82620	/////	0//08	11353	30402	16008

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42754

Date of Issue TUESDAY 12 DECEMBER 1978

OBSERVATIONS at 12h. 11 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71325	67022	88411	30932	09751	83360	87072	
Hurn	862	71320	66012	88213	70981	09748	81359	85364	87070
Manston	797	71312	65021	95911	40972	09831	82362	83465	87068
Gatwick	776	71312	75022	92412	40972	09853	84360	87070	
Kew	775	71413	70021	91913	40972	08847	84362	84465	87070
Heathrow	772	71311	72011	91613	10932	09847	81362	87070	
Honington	586	71313	50014	95010	16232	09833	81705	83365	87070
Wattisham	590	81315	56034	95310	8097/	09734	83358	88462	
Gorleston	497	71515	40101	97109	7097/	08727	87358		
Aberporth	502	81525	60638	80711	1542/	10822	81618	88556	
Filton	628	71324	70036	86513	55571	09740	81620	85645	87362
Rhoose	715	71112	70026	84612	3547/	09839	81615	83630	86360
Hartland Point	703	81620	66152	81013	5552/	09823	85620	88560	
Mount Batten	827	81522	62026	82413	5567/	09833	81638	84650	88360
St.Mawgan	817	81624	40636	80511	6532/	11725	83706	84612	88540
Scilly	804	62114	62216	78611	55470	11716	83712	85620	
Culdrose	809	81823	40636	80611	852//	10720	81704	84710	88620
Guernsey	894	71524	75028	85212	2577/	08740	82650	87462	
Elmdon	534	71312	70022	89412	20982	08749	82360	87070	
Cardington	559	71414	62012	91911	7097/	09844	85362	87365	
Wittering	462	71213	40104	92409	16278	09741	81703	85359	87272
Watnall	354	71011	57052	91010	18472	09840	81815	85360	87075
Shawbury	414	71211	80022	87313	15688	09747	81645	85360	87270
Finningley	360	71212	56042	91811	20938	09838	82359	87270	
Spurn Point	396	91420	00474	94707	9////	07736	89/00		
Leeming	257	81411	43042	92210	7633/	09729	87706		
Tynemouth	262	81814	56101	92909	8097/	09722	88358		
Carlisle	222	81413	75031	89013	3577/	07828	83650	86363	88467
Valley	302	81520	70606	82613	5567/	09740	85645	88459	
Ringway	334	71214	75021	88513	15572	07844	81620	86359	87070
Squires Gate	318	71317	80012	86913	1563/	08845	81635	87360	
Ronaldsway	204	81225	61612	84311	5542/	09538	81710	85650	88459
Mull of Galloway	131	81523	66602	82610	6742/	09737	86710	88460	
Eskdalemuir	162	81103	80601	89809	3552/	06823	83625	88460	
Prestwick	135	81324	65616	85910	5547/	08824	81714	85640	88460
Abbotsinch	140	81011	80601	87311	5547/	07827	81715	85638	88462
Leuchars	171	71311	58051	90809	1637/	08727	81708	84359	87465
Dyce	091	71304	45101	92009	5527/	09813	82703	85707	87359
Lerwick	005	81420	10506	96307	870//	07704	88701		
Wick	075	81518	24104	91309	861//	08714	83702	86703	88705
Sule Skerry	010	81409	60032	89809	5553/	09812	85620	88358	
Cape Wrath	049	81718	80031	87811	855//	09716	88625		
Stornoway	026	81112	82021	85711	55657	08821	84640	83358	86360
Benbecula	022	81226	72616	81410	854//	09837	81716	85640	88650
Tiree	100	81134	60216	80510	5552/	09743	81620	85650	88459
Aldergrove	917	81221	58626	80211	854//	09740	82615	86628	88650
Malin	980	81133	70606	77112	4547/	08740	81711	83628	88459
Belmullet	976	61720	81016	70711	53472	06301	81716	83820	81920
Birr	965	81511	66606	76010	5647/	09017	85712	88458	
Dublin	969	81721	40635	79412	863//	10623	85706	88710	
Shannon	962	71614	82026	73810	28578	07000	81820	84460	85270
Roches Point	952	71417	56106	74911	13471	09812	81914	87458	
Valentia	953	31524	65259	71211	39503	08803	83920		

OBSERVATIONS at 18h. 11 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71619	75026	84110	2577/	08811	82650	85359	87462
Hurn	862	81513	75036	84412	3857/	09808	81820	83640	88358
Manston	797	81516	64032	89612	8097/	09716	83362	88465	
Gatwick	776	81814	62612	87412	1557/	10712	81620	88358	
Kew	775	81712	62636	86412	4562/	10818	84640	88460	
Heathrow	772	81611	60616	86312	4562/	11813	81630	84650	88460
Honington	586	71314	48052	88211	15632	09621	81635	87070	
Wattisham	590	71419	58032	88811	25632	08621	82635	87075	
Gorleston	497	61526	62012	89810	656//	07732	86645		
Aberporth	502	51522	80016	77509	18432	06803	81818	84360	
Filton	628	71509	70038	82113	783//	09709	82706	83818	87636
Rhoose	715	80811	80036	81110	854//	08806	82712	87617	88645
Hartland Point	703	51518	74258	77211	52500	08615	85820		
Mount Batten	827	71519	70256	78412	785//	09728	83822	87628	
St.Mawgan	817	81422	50606	75710	853//	10727	83707	88613	
Scilly	804	81920	58636	73712	854//	11718	88715		
Culdrose	809	71518	56216	75611	753//	10722	82708	83710	87640
Guernsey	894	51523	80036	80612	45532	08728	84626		
Elmdon	534	81512	62612	83411	6732/	10712	82707	86709	88556
Cardington	559	81711	80022	86013	856//	09616	86631	88650	
Wittering	462	81314	61022	86011	657/7	08720	86650	88272	
Watnall	354	81711	58602	84811	854//	09615	88618		
Shawbury	414	81612	68216	80812	6542/	09615	83614	85645	88458
Finningley	360	81316	62602	84611	857//	09626	88650		
Spurn Point	396	71323	58014	87608	2567/	08722	82630	87360	
Leeming	257	71414	56042	84110	50938	08736	85360	87270	
Tynemouth	262	81532	56052	84209	5567/	09742	85630	88358	
Carlisle	222	81412	62602	81312	5547/	09731	82618	85645	88360
Valley	302	71725	70216	77711	5857/	07806	82820	85650	87460
Ringway	334	81617	57636	82412	6542/	09615	81615	86622	88459
Squires Gate	318	81420	65616	80312	856//	09626	85630	88650	
Ronaldsway	204	81514	60616	77811	854//	10612	81710	85618	88645
Mull of Galloway	131	81618	64616	75110	5742/	09630	85710	88525	
Eskdalemuir	162	81217	60626	81509	854//	07635	83713	85622	88640
Prestwick	135	81320	62586	77811	3557/	09736	81624	83632	85360
Abbotsinch	140	80914	62606	78412	7552/	08737	83622	86650	88460
Leuchars	171	81223	60026	83509	862//	08634	83704	88705	
Dyce	091	81215	11104	86908	860//	08730	84700	88701	
Lerwick	005	91421	00455	91908	9////	08724	89/00		
Wick	075	81320	38604	85908	870//	08835	82701	85703	88705
Sule Skerry	010	81424	20052	83409	863//	09740	88708		
Cape Wrath	049	81418	80026	81310	855//	10727	88625		
Stornoway	026	81217	82036	77111	855//	08743	83620	84630	88645
Benbecula	022	81516	65636	74411	854//	09733	83713	84620	88635
Tiree	100	81227	57636	73411	7542/	09730	82710	87620	88540
Aldergrove	917	81508	63636	74808	856//	07726	88646		
Malin	980	81323	68616	72708	3742/	07725	83715	88545	
Belmullet	976	71422	72808	66610	734//	08723	83716	85920	
Birr	965	31510	66036	72110	35600	07710	83630		
Dublin	969	31413	80026	75209	36400	07714	82713		
Shannon	962	71816	59818	70711	734//	09506	82711	83715	87920
Roches Point	952	71424	56808	72811	734//	10501	84711	83917	86642
Valentia	953	52216	70258	71809	53500	07319	85921		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	04131	003	r_or	$rdrr_o$
Hurn	862	94131	000	r_or_o	r_or_o
Manston	797	97131	000	+	r_o
Gatwick	776	01141	001	+	r_or
Kew	775	01151	001	+	r_or
Heathrow	772	01151	000	+	r_or_o–r_o
Honington	586	93111	000	f	r_oir_o
Wattisham	590	94111	000	f	r_o
Gorleston	497		006		
Aberporth	502	07131	000	$ir_or_or_orr$	$rrRpr_o$
Filton	628	01141	002	r_o–$r_od_or_odr$	drd_or_o–pr_o
Rhoose	715	01131	003	ir_orr_o	ir_o
Hartland Point	703	01132	000		
Mount Batten	827	02141	001	ir_o	$d_opr_or_o$–d_o
St.Mawgan	817	09142	001	rr	r_or
Scilly	804	10142	000	rr	rr
Culdrose	809	10132	001	ir_orr	$id_oir_orrpr_o$
Guernsey	894	01132	004	$pr_od_or_o$	pr_oprir
Elmdon	534	03131	011	+	r_or–rrr_o
Cardington	559	94131	002	+	r
Wittering	462	92111	000	ff	r_or
Watnall	354	01111	005	+	r_or
Shawbury	414	93141	005	r_o	r_or_o
Finningley	360	01111	001	+	r_or
Spurn Point	396			FF	ir_o
Leeming	257	02111	000	+	r_or_or
Tynemouth	262	00111	000	+	+
Carlisle	222	01141	000	+	r_or_or
Valley	302	03151	000	$ir_or_or_o$	$rrir_o$
Ringway	334	01141	007	+	$r_or_orr_o$
Squires Gate	318	92131	000	+	r_or_o
Ronaldsway	204	02111	000	r_or_or	rrr_o
Mull of Galloway	131	03101			
Eskdalemuir	162	03111	000	r_o	rr_o
Prestwick	135	01121	000	r_or_o	$r_od_or_or_or_o$
Abbotsinch	140	91121	000	ir_o	$ir_od_or_o$
Leuchars	171	01101	000	ir_o	ir_or
Dyce	091	00101	000	ffjf	fjf
Lerwick	005	92081	000	$ffid_o$	$FFid_o$
Wick	075	97091	000	fif	fir_o
Sule Skerry	010	00091			
Cape Wrath	049	01111	000	ir_o	ir_o
Stornoway	026	97121	000	r_o	r_o
Benbecula	022	06122	000	$ir_oirr_or_o$	$ir_or_or_orr$
Tiree	100	17112	000	$r_orr_or_o$	$r_or_orrRRir_o$
Aldergrove	917	14112	000	r_or_orR	r–rrr_o
Malin	980	0612	000		
Belmullet	976	9413	018		
Birr	965	0113	004		
Dublin	969	1212	000		
Shannon	962	0412	003		
Roches Point	952	0512	010		
Valentia	953	2911	009		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

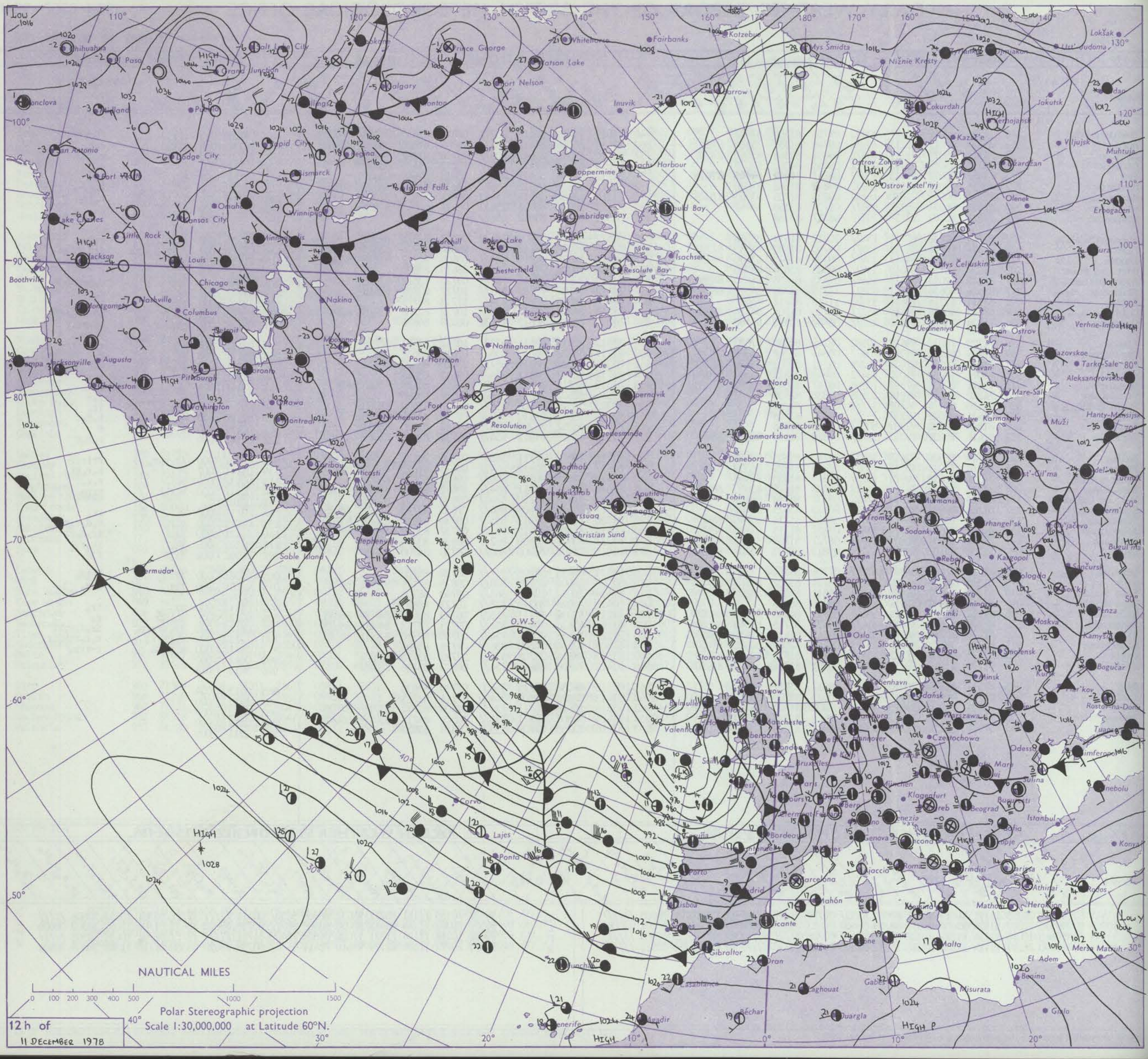
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	11121	80613	98021	69905	4852/	00738	/////	/////	05302	10707	30605	/////
	99570	70207	11124	33407	98018	68709	38460	00813	81815	83630	0//07	11044	30201	04006
	99663	10015	11124	81227	97028	07005	854//	00708	/////	/////	0//01	10632	30505	/////
	99470	70171	11124	32828	97018	83312	32502	71245	83820	/////	0//09	11353	30812	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	11181	80212	98032	68905	5855/	00314	/////	/////	05301	10693	30606	/////
	99570	70206	11184	83415	98038	60809	885//	00739	83820	88635	0//06	11032	30303	08006
	99662	10018	11184	71321	97028	04805	78400	31711	/////	/////	0//01	10632	30505	/////
	99471	70172	11184	82129	97616	78411	5557/	00738	85620	88360	0//10	11343	30809	30104

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Station symbols

CLOUD

Cloud amount (oktas)

0

1 or less

2

3

4

5

6

7 or more

8

Obscured

Missing or doubtful data.

WEATHER

Weather

Drizzle

Rain and drizzle

Rain

Rain and snow

Snow

Rain shower

Rain and snow shower

Snow shower

Hail shower

Thunderstorm

WIND

Wind speed (knots)

Calm

1–2

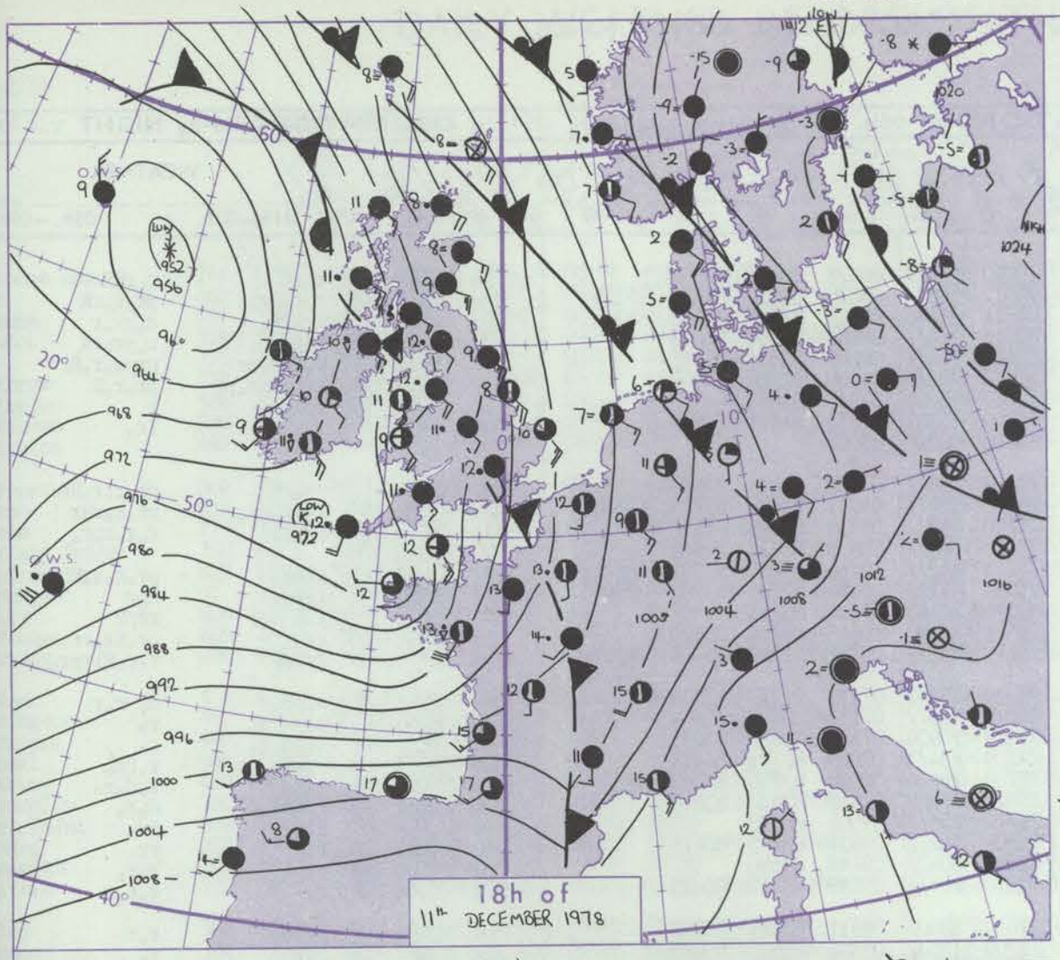
3–7

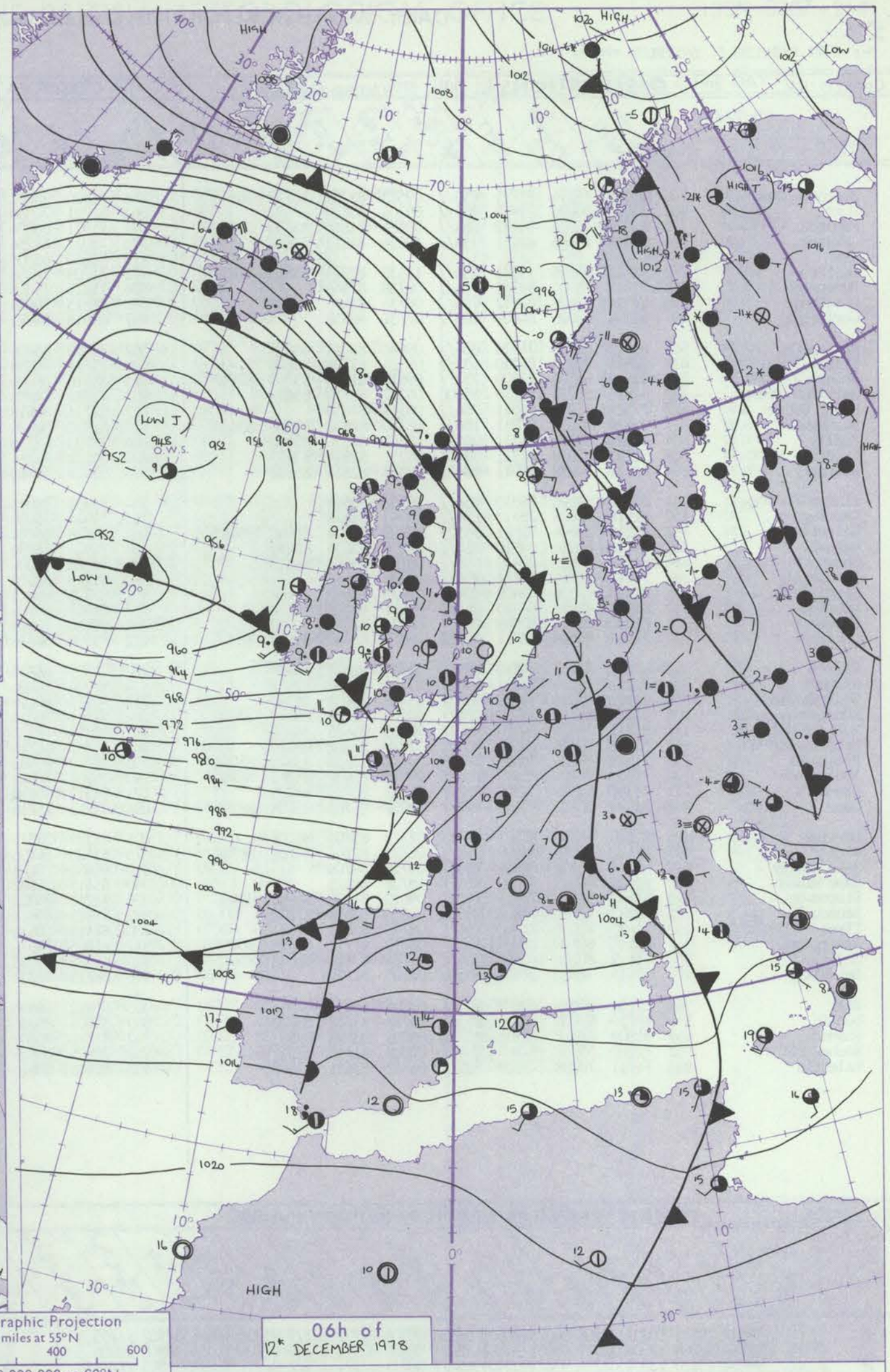
8–12

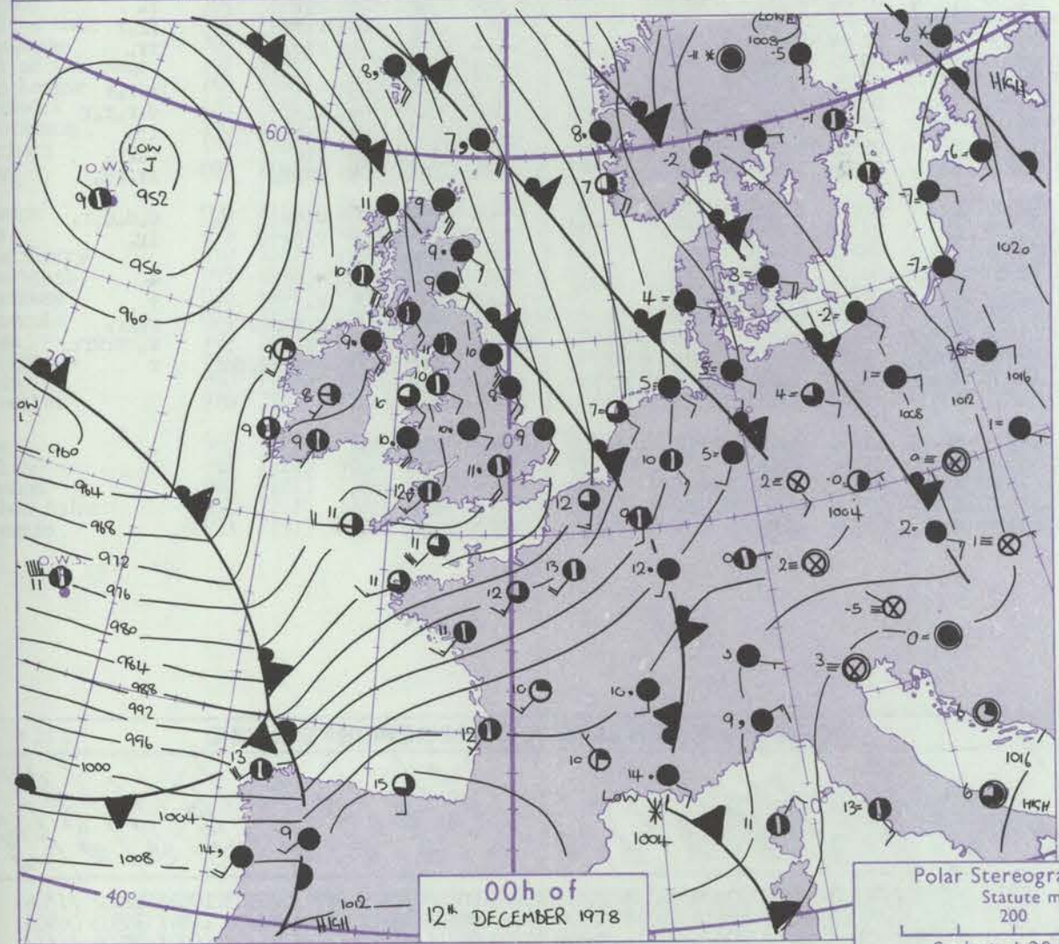
13–17

Additional feather add 5

48–52







Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday TUESDAY 12 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

A deep depression southwest of Ireland has moved north to about 300 miles south of Iceland. An associated cold front has moved rather quickly east and now extends from the Faeroes to north Germany. An occluding frontal system, moving very rapidly east, has reached southwest Ireland to Brest to northwest Spain.

During the next 24 hours pressure will remain very low west of the British Isles maintaining a strong to gale southwest airstream over the British Isles in which the occluded front over southwest Ireland to northwest France will move rapidly east reaching the eastern North Sea by tomorrow morning.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

Code FM 11.V

OBSERVATIONS at 00h. 12 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_ah_s$	$8N_sC_ah_s$	$8N_sC_ah_s$
Boscombe Down	746	82122	75216	77911	853//	09523	82709	86712	88618
Hurn	862	72222	80016	79912	754//	09304	85618	87630	
Manston	797	81728	70606	85112	884//	09625	81818	83630	88640
Gatwick	776	71924	75606	82111	754//	10624	84612	87622	
Kew									
Heathrow	772	71722	65616	79511	754//	11638	82713	85618	87630
Honington	586	71419	75026	82312	756//	08738	87646		
Wattisham	590	71522	65026	83112	755//	08735	83626	87640	
Gorleston	497	81524	62026	84809	8097/	07731	88358		
Aberporth	502	81719	60608	74010	854//	09608	83712	88618	
Filton	628	61911	70218	76010	653//	09526	82706	86618	
Rhoose	715	71408	60606	75909	752//	09616	81704	83710	87617
Hartland Point	703	52836	66216	76210	55400	09312	82710	85630	
Mount Batten	827	72524	65256	81111	756//	08349	87635		
St.Mawgan	817	72520	75256	80211	784//	08250	82812	83620	85626
Scilly	804	52622	62036	81211	25570	10242	82620	85460	
Culdrose	809	52523	62018	81211	58401	08251	82814	83625	
Guernsey	894	62331	70258	84911	68432	09259	82814	85632	
Elmdon	534	81110	58606	76810	854//	09740	88618		
Cardington	559	81518	62606	78712	854//	09749	88619		
Wittering	462	81216	70606	79611	7552/	09739	83624	86630	88462
Watnall	354	81111	60216	78810	856//	09836	83635	88656	
Shawbury	414	81208	72602	76410	854//	08731	83614	88625	
Finningley	360	71215	60016	79111	756//	09834	87645		
Spurn Point	396	81420	62026	82408	856//	07727	88630		
Leeming	257	81411	62026	80310	863//	09617	88708		
Tynemouth	262	81620	56026	80009	8097/	08721	88358		
Carlisle	222	71411	65016	77811	45432	08817	82710	84640	86070
Valley	302	61411	80258	74110	685//	09724	81824	86630	
Ringway	334	71412	72216	77811	3561/	07724	83630	87462	
Squires Gate	318	71212	65016	76810	3563/	08722	83635	86360	
Ronaldsway	204	71214	65212	74510	754//	08629	81716	83630	87640
Mull of Galloway	131	81815	74026	74010	4551/	08716	84625	88460	
Eskdalemuir	162	81508	70036	77508	30932	07818	83362	88070	
Prestwick	135	71513	68026	75110	38408	08718	81816	83645	86268
Abbotsinch	140	71303	70026	75610	25638	07812	82630	84362	86268
Leuchars	171	81311	60026	78709	862//	08512	83704	88705	
Dyce	091	81314	30622	80109	872//	09827	81703	85704	88705
Lerwick	005	81229	15515	87407	860//	07723	83700	88701	
Wick	075	81427	56056	80109	862//	08725	82704	86706	88708
Sule Skerry	010	81537	16102	77409	863//	09728	88708		
Cape Wrath	049	81420	80022	75010	855//	10728	88625		
Stornoway	026	81620	86026	73011	7561/	09610	86638	86656	88460
Benbecula	022	71625	80036	70409	35606	05806	83630	87272	
Tiree	100	71430	70036	71210	754//	08712	85614	87621	
Aldergrove	917	81518	62608	72309	4542/	08719	81712	83628	88459
Malin	980	71619	80256	70310	784//	09714	83715	86818	85642
Belmullet	976	32018	76258	67409	33500	06105	82920		
Birr	965	52106	80016	72608	556//	07001	85636		
Dublin	969	81714	62636	72010	853//	09718	83708	88620	
Shannon	962	51909	82018	72108	3573/	06003	83656	83360	
Roches Point	952	72207	65038	74209	1847/	07005	81710	87359	
Valentia	953	71711	70258	71809	785//	06812	83821	87640	

OBSERVATIONS at 06h. 12 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_ah_s$	$8N_sC_ah_s$	$8N_sC_ah_s$
Boscombe Down	746	81820	65602	79110	6542/	08828	86613	88556	
Hurn	862	81721	70038	79511	6567/	09838	81630	84650	85359
Manston	797	71921	65036	85511	38446	09103	81815	83630	86273
Gatwick	776	72017	65256	83511	754//	08806	82714	87650	
Kew	775	71810	65808	82111	784//	08000	83818	87645	
Heathrow	772	71709	70258	81810	785//	09000	82820	87648	
Honington	586	21815	75018	82010	25600	07310	82630		
Wattisham	590	31815	70036	83109	15501	07211	81625	83075	
Gorleston	497	01918	64021	82810	00900	07601			
Aberporth	502	71723	65806	71109	784//	07850	85816	87625	
Filton	628	71711	70038	76710	5847/	08831	81812	85624	87360
Rhoose	715	81610	66606	75510	855//	07836	83625	88650	
Hartland Point	703	71818	74808	71910	785//	09859	82820	87641	
Mount Batten	827	81721	58618	74111	852//	10766	84705	87709	88615
St.Mawgan	817	81920	60636	72310	4712/	10664	82702	83706	88540
Scilly	804	32723	62258	72310	32463	07644	83815		
Culdrose	809	52222	58216	72511	55200	10665	81704	85625	
Guernsey	894	81627	50618	79111	853//	09763	83706	85708	88611
Elmdon	534	31915	70016	78109	25442	07118	81710	83070	
Cardington	559	81914	75036	80810	855//	07115	82625	88641	
Wittering	462	51918	81036	79409	10934	07322	81362	85075	
Watnall	354	71914	65036	77109	654/1	07020	83711	84615	
Shawbury	414	71708	80036	75709	25636	06008	82630	85360	87270
Finningley	360	51919	82016	75410	35502	07315	83620	83075	
Spurn Point	396	81821	66025	76710	856//	09504	88630		
Leeming	257	81607	30106	72809	852//	09624	82703	88613	
Tynemouth	262	81416	56616	72109	8062/	09749	88540		
Carlisle	222	81509	50616	71210	854//	09735	83710	88625	
Valley	302	51719	65258	71610	38402	08811	82818	83632	
Ringway	334	62014	80036	75209	15532	05305	81622	86075	
Squires Gate	318	42113	80216	73009	45600	07608	84630		
Ronaldsway	204	32111	70016	70909	35300	07609	81706		
Mull of Galloway	131	52411	78251	68909	55600	09718	85630		
Eskdalemuir	162	81307	60216	70908	874//	07730	88710		
Prestwick	135	81310	65582	69509	7547/	08731	81712	85615	87630
Abbotsinch	140	70907	70022	69710	755/2	07734	81620	87637	
Leuchars	171	81313	40218	72809	872//	08735	85703	88704	
Dyce	091	81113	28216	75109	860//	09728	82701	88702	
Lerwick	005	81329	20515	82307	870//	07825	85701	88703	
Wick	075	81420	56106	75209	862//	08723	84703	88705	
Sule Skerry	010	81430	20102	73509	863//	09817	88708		
Cape Wrath	049	81415	80032	71909	5552/	09721	85625	88460	
Stornoway	026	71210	84022	69810	7563/	08719	87641	84364	
Benbecula	022	81519	65618	67709	854//	09812	84710	88618	
Tiree	100	81418	60636	67409	7732/	09722	84707	85714	88525
Aldergrove	917	61805	75036	68905	35431	05615	81712	83615	85075
Malin	980	61505	84038	67408	28432	06720	81818	83360	85075
Belmullet	976	51215	76258	62707	4353/	05737	83820	81920	83640
Birr	965	81312	66606	65308	864//	07754	86715	86636	
Dublin	969	30804	80036	68607	32500	04830	83822		
Shannon	962	81216	70606	61709	854//	08767	84719	88630	
Roches Point	952	72024	60626	64509	6747/	07553	86711	87458	
Valentia	953	82118	60618	62309	864//	07531	88716		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	12091	07	r_orR	r_orRR
Hurn	862	12101	09	r_orRpr_o	pr_or_orR
Manston	797	03091	08	ir_orr_o	r_opr_or
Gatwick	776	08102	08	r_or_or	r_opr_orR
Kew	775	05102	08	r_orpr_opr	$prpr_or_oRr$
Heathrow	772	05101	08	$r_or_oRpr_opr$	pr_or_oR
Honington	586	97091	07	ir_opr_o	+
Wattisham	590	93091	07	r_or_o	ir_o
Gorleston	497				
Aberporth	502	07081	07	pr_orR	$pr_or_or_oRR$
Filton	628	03091	07	$r_orr_opr_o$	pr_or_orRr
Rhoose	715	08092	07	r_orr_o	$r_or_orpr_o$
Hartland Point	703	04102	08		
Mount Batten	827	13091	08	$prpr_o$	$pr_or_or_oRpR$
St.Mawgan	817	06091	07	r_opr_o	Rpr
Scilly	804	05101	09	ir_o	rrpr
Culdrose	809	05092	08	pr_o	$pr_oir_orr_or_o$
Guernsey	894	06101	09	pr_opr	$r_or_oRirpr_o$
Elmdon	534	03081	06	r_ord_o	d_o-r_or
Cardington	559	91091	07	r_o	r_o
Wittering	462	96081	07	$r_ord_or_o$	r_o
Watnall	354	04071	04	r_orR	r_ord_o
Shawbury	414	95081	06	r_or_o	$r_od_or_o$
Finningley	360	02081	05	$r_oRrd_or_o$	d_or_o
Spurn Point	396			ir_o	id_o
Leeming	257	03081	05	r_o	rr_o
Tynemouth	262	01091	08	r_or_o	r_or_o
Carlisle	222	01081	04	r_o	r_or_or
Valley	302	03091	07	pr_orr	r_or
Ringway	334	01081	06	r_or	r_o
Squires Gate	318	03071	05	r_orr	ir_or
Ronaldsway	204	01091	06	rir_o	rr_o
Mull of Galloway	131	04081			
Eskdalemuir	162	04071	05	+	r_or_or
Prestwick	135	95081	06	r_o	$d_or_or_or$
Abbotsinch	140	02091	06	d_or_or	ir_o
Leuchars	171	04081	03	rr_o	r_orr_o
Dyce	091	07091	08	$rRrr_o$	ir_ord_o
Lerwick	005	01061	06	d_od_o	$d_od_od_or_o$
Wick	075	01091	08	r_or_o	ir_o
Sule Skerry	010	91082	08		
Cape Wrath	049	00091	08	+	+
Stornoway	026	97091	06	r_o	+
Benbecula	022	04082	07	$r_or_opr_o$	rr_or_o
Tiree	100	23081	07	rr_oRr_o	$r_orRrRrr_o$
Aldergrove	917	14052	03	$pr_or_or_orRr$	r
Malin	980	0105	04		
Belmullet	976	0106	05		
Birr	965	0707	05		
Dublin	969	0806	02		
Shannon	962	9607	05		
Roches Point	952	0408	06		
Valentia	953	1108	06		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_ah_s$	$8N_sC_ah_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12001	73408	98028	70605	64530	00203	/////	/////	05303	10696	3//02	////05
L	99569	70206	12004	72911	98032	54008	784//	00626	82818	87630	0//06	11056	30302	08906
M	99660	10020	12004	81126	97022	02404	854//	00711	/////	/////	0//01	10628	30505	/////
R	99472	70170	12004	72546	97258	75610	784//	61122	82816	87630	0//09	11335	30812	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_ah_s$	$8N_sC_ah_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12061	83109	98258	68705	834//	00716	/////	/////	05303	10695	3//02	////06
L	99570	70206	12064	62415	98038	52509	3843/	00303	83815	84362	0//06	11041	30303	06905
M	99662	10018	12064	70926	97022	99804	75400	00714	/////	/////	0//01	10608	30505	/////
R	99471	70174	12064	52556	97028	76910	52400	61103	85816	/////	0//06	11381	30820	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O, Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42755

Date of Issue WEDNESDAY 13 DECEMBER 1978

Code FM 11.V **OBSERVATIONS at 12h.** 12 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72323	81256	75411	794//	08108	85815	82923	
Hurn	862	42120	70018	77112	48400	07313	81710	83815	
Manston	797	72024	65218	78212	4842/	09638	81710	87459	
Gatwick	776	72220	59256	77411	63433	09707	83816	81918	85635
Kew	775	72214	56258	76410	694/3	06706	81712	86925	
Heathrow	772	72114	65256	75910	69431	09507	81715	84930	
Honington	586	71814	75216	74911	783/2	09645	81707	85626	
Wattisham	590	71916	70216	75810	584/2	09544	81710	85640	
Gorleston	497	81526	40636	76309	873//	08758	88708		
Aberporth	502	32121	80018	69509	38432	05109	82812		
Filton	628	72417	70806	73811	784//	06215	85815	85645	
Rhoose	715	32315	62258	73309	39400	07113	81918	83820	
Hartland Point	703	42732	66258	71110	33570	05108	83925		
Mount Batten	827	42330	62258	75710	49460	07212	81715	82918	
St.Mawgan	817	62120	62808	74210	69403	05010	82914	84822	
Scilly	804	62730	62258	74710	69440	09211	84918		
Culdrose	809	72423	58278	74409	734//	08006	82910		
Guernsey	894	72334	72026	78711	11432	05803	81814	83360	85075
Elmdon	534	42114	70256	71811	33431	07522	81915	83818	
Cardington	559	62119	80026	74011	48472	07630	83818	83635	86075
Wittering	462	71815	75606	72909	754//	09637	82714	85620	87650
Watnall	354	71814	57636	70709	7532/	08640	86709	87650	
Shawbury	414	42115	68016	69711	38432	08612	81710	83359	
Finningley	360	81318	59611	70109	853//	08748	83709	85712	88620
Spurn Point	396	81222	50616	73208	864//	07735	88715		
Leeming	257	81413	57212	70609	853//	08830	83707	85710	88612
Tynemouth	262	71615	61026	71709	6563/	07604	86630		
Carlisle	222	81413	60606	68809	4552/	07820	82620	83635	88460
Valley	302	62126	68158	66810	4946/	08501	82917	84360	
Ringway	334	71914	60636	69710	4732/	08628	81708	84714	87556
Squires Gate	318	71516	60606	68409	6547/	08626	81710	86630	87360
Ronaldsway	204	71715	63611	64909	6837/	08635	82708	84817	87360
Mull of Galloway	131	81515	60216	64208	6742/	08733	86710	88460	
Eskdalemuir	162	71305	68026	69107	754//	05813	81710	87645	
Prestwick	135	71415	75036	66508	28484	06819	81710	83365	86070
Abbotsinch	140	31308	70026	67509	18432	06704	81816	83070	
Leuchars	171	72405	68216	69210	48532	07502	81822	83638	85360
Dyce	091	71614	35616	69009	771//	09522	83702	87703	
Lerwick	005	81124	18216	79107	870//	06720	86701	88703	
Wick	075	81221	45056	70009	862//	08731	85704	88706	
Sule Skerry	010	81430	10506	70109	872//	09724	88704		
Cape Wrath	049	81420	70606	67209	874//	09734	88710		
Stornoway	026	41011	75011	66309	25670	09721	81630	83360	
Berbecula	022	71207	75256	65309	6837/	08810	81708	84816	85635
Tiree	100	51317	82036	64909	42442	08610	84813		
Aldergrove	917	81410	58616	63608	4532/	07625	82706	83620	88550
Malin	980	71120	70028	61809	654/2	06733	82715	85640	
Belmullet	976	71408	72618	58908	764//	07711	81711	85718	85640
Birr	965	61913	75216	62809	48502	05003	81820	84635	
Dublin	969	22115	80016	64310	28432	06502	81818		
Shannon	962	71813	75256	62109	6347/	06801	84818	81918	84630
Roches Point	952	72124	57816	65608	794//	06103	82710	87916	
Valentia	953	71913	70919	61308	794//	07814	82713	87924	

OBSERVATIONS at 18h. 12 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72118	62258	76308	684/2	07002	82713	84818	86070
Hurn	862	72120	65258	77510	785//	08201	83820	86635	
Manston	797	52217	65252	80407	29463	06115	81815	81930	84070
Gatwick	776	62111	75038	79607	15633	04319	81630	83075	
Kew	775	61912	75029	78109	38503	05115	81825	83650	
Heathrow	772	51808	65038	77708	24703	06016	82650	85072	
Honington	586	41916	75028	76909	24602	05212	82630	83072	
Wattisham	590	31916	70038	77608	00902	05210	83070		
Gorleston	497	41914	66036	77509	40970	06214	84358		
Aberporth	502	72120	62258	65408	734//	07737	81712	83915	87630
Filton	628	72120	65818	72909	734//	07814	85918	86634	
Rhoose	715	82222	65608	70909	854//	07824	81618	87620	88645
Hartland Point	703	72455	62031	67510	784//	07635	84818	87635	
Mount Batten	827	82539	58808	75711	884//	08306	84717	85825	88630
St.Mawgan	817	72436	56258	73910	784//	07312	82712	85815	87626
Scilly	804	82743	50218	75110	854//	08227	88618		
Culdrose	809	82431	40808	75810	834//	08317	84910	88620	
Guernsey	894	62336	65021	81811	49532	07311	83820	81925	84360
Elmdon	534	61712	70808	72607	39403	03802	81918	83820	86070
Cardington	559	72014	83038	75708	28532	05112	81825	87075	
Wittering	462	51912	82038	74807	556//	05212	85645		
Watnall	354	51811	65038	72407	55600	05008	85645		
Shawbury	414	71608	75258	69908	48532	06607	82822	84650	85070
Finningley	360	11509	68026	72006	14632	04212	81630		
Spurn Point	396	11818	66016	73408	10970	05214	81360		
Leeming	257	71511	65258	70207	785//	06212	81825	86635	
Tynemouth	262	12011	61026	68908	10930	07306	81358		
Carlisle	222	51705	70018	67507	48532	06206	81820	83640	
Valley	302	71624	68808	65209	685/2	06818	83820	85635	86070
Ringway	334	61611	68038	70308	35601	05802	83635	84070	
Squires Gate	318	31614	65028	68307	28533	05802	81822		
Ronaldsway	204	51715	70256	65509	59400	07002	81918	83650	
Mull of Galloway	131	42016	73018	64409	43500	07205	84920		
Eskdalemuir	162	71713	65216	67107	784//	06205	82710	84816	87635
Prestwick	135	71606	80026	65408	48432	06314	82815	83632	87075
Abbotsinch	140	71408	68026	65409	6843/	07304	81818	83634	85645
Leuchars	171	81315	60616	67409	853//	07611	85706	88638	
Dyce	091	81013	30506	69209	872//	08809	81703	86704	87706
Lerwick	005	81125	15215	77507	871//	07301	84702	88705	
Wick	075	71516	50056	71109	762//	06223	82705	87710	
Sule Skerry	010	61419	66016	69009	654//	09220	82715	85630	
Cape Wrath	049	40000	80016	67509	45500	09311	84625		
Stornoway	026	41203	75016	66207	15730	07210	81650	84362	
Berbecula	022	71006	82036	64306	55632	05000	85632	86362	87070
Tiree	100	81019	70216	63009	7541/	07500	82712	87617	88458
Aldergrove	917	11607	70018	63406	19432	05302	81915		
Malin	980	71411	83016	62108	554/2	06210	82716	85638	85070
Belmullet	976	21210	74018	58607	23403	06003	81714	81920	
Birr	965	71604	70021	62208	784//	06212	82716	83820	86630
Dublin	969	71505	65031	62809	685/2	06711	82820	85635	
Shannon	962	71910	65808	61909	734//	07225	82710	87918	
Roches Point	952	72329	65806	65610	594/3	08358	82710	84914	
Valentia	953	72531	60808	65410	734//	07353	87917		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	05111	021	rRr.prpr.	pr.r
Hurn	862	04131	023	pr.pr	pr.pR
Manston	797	04121	001	rr.r.pr.pr	pr.prpRlr
Gatwick	776	10121	017	rRr.–pr.	pr.
Kew	775	07121	014	Rr.pr.pRtl.r	pr.pr
Heathrow	772	04121	012	Rr.rpr.l	pr.r.
Honington	586	03111	007	rr.d.r.R	pr.r.
Wattisham	590	03111	010	r.rdrpr.pr	pr.
Gorleston	497		002		
Aberporth	502	04102	007	prpr.	prpr.
Filton	628	05111	024	pr.pr	pr.prpr.pr
Rhoose	715	06111	028	pr.prpr.	pr.prr.pRr.
Hartland Point	703	03112	025		
Mount Batten	827	03121	011	pr.pr	pr.
St.Mawgan	817	01111	023	pr.pr	prpr.
Scilly	804	05121	013	pr.pr	prir
Culdrose	809	07111	010	ph.	ph.pr.
Guernsey	894	93121	023	+	pr.r.l
Elmdon	534	05112	014	rprpr.	pr.prrr.rRr
Cardington	559	04121	027	rrpr.	pr.
Wittering	462	05111	009	r.rRpr.	pr.
Watnall	354	03111	011	d.–r.rrpr.	r.r
Shawbury	414	04111	019	d.r.r.r.rpr.	pr.r.rR
Finningley	360	02111	017	r.r	+
Spurn Point	396			ir.r.r.	r.r.
Leeming	257	04091	000	r.rrR	pr.
Tynemouth	262	04101	008	r.r.rr	rr
Carlisle	222	01091	009	r.r.rr.	pr.
Valley	302	06111	015	drpr.phr	pRR
Ringway	334	02111	015	r.rpr.	pr.r.
Squires Gate	318	03101	001	r.rd.r.pr.pr	pr.ir.
Ronaldsway	204	03111	014	rr.r.	pRpr.
Mull of Galloway	131	01091			
Eskdalemuir	162	03071	001	r–r.	r.rpr.
Prestwick	135	97091	007	ir.	pr.
Abbotsinch	140	97101	018	r.	r.
Leuchars	171	03111	011	r.	rr.r.
Dyce	091	10091	003	r.rd.r.f	d.rrr.
Lerwick	005	01071	000	d.d.ir.	d.d.r.
Wick	075	95091	000	ir.r.r.ir	+
Sule Skerry	010	03101			
Cape Wrath	049	01111	000	prpr.	+
Stornoway	026	97101	000	ir.	ir.
Berbecula	022	02091	000	r.r.pr.r	r.r.
Tiree	100	01101	026	jp	ir.r.pr
Aldergrove	917	05092	002	r.rRr.	pr.
Malin	980	9709	001		
Belmullet	976	0310	002		
Birr	965	9510	018		
Dublin	969	0311	002		
Shannon	962	0210	008		
Roches Point	952	0710	003		
Valentia	953	0811	002		

Code FM 21.V **OCEAN WEATHER STATION REPORTS at 12h.**

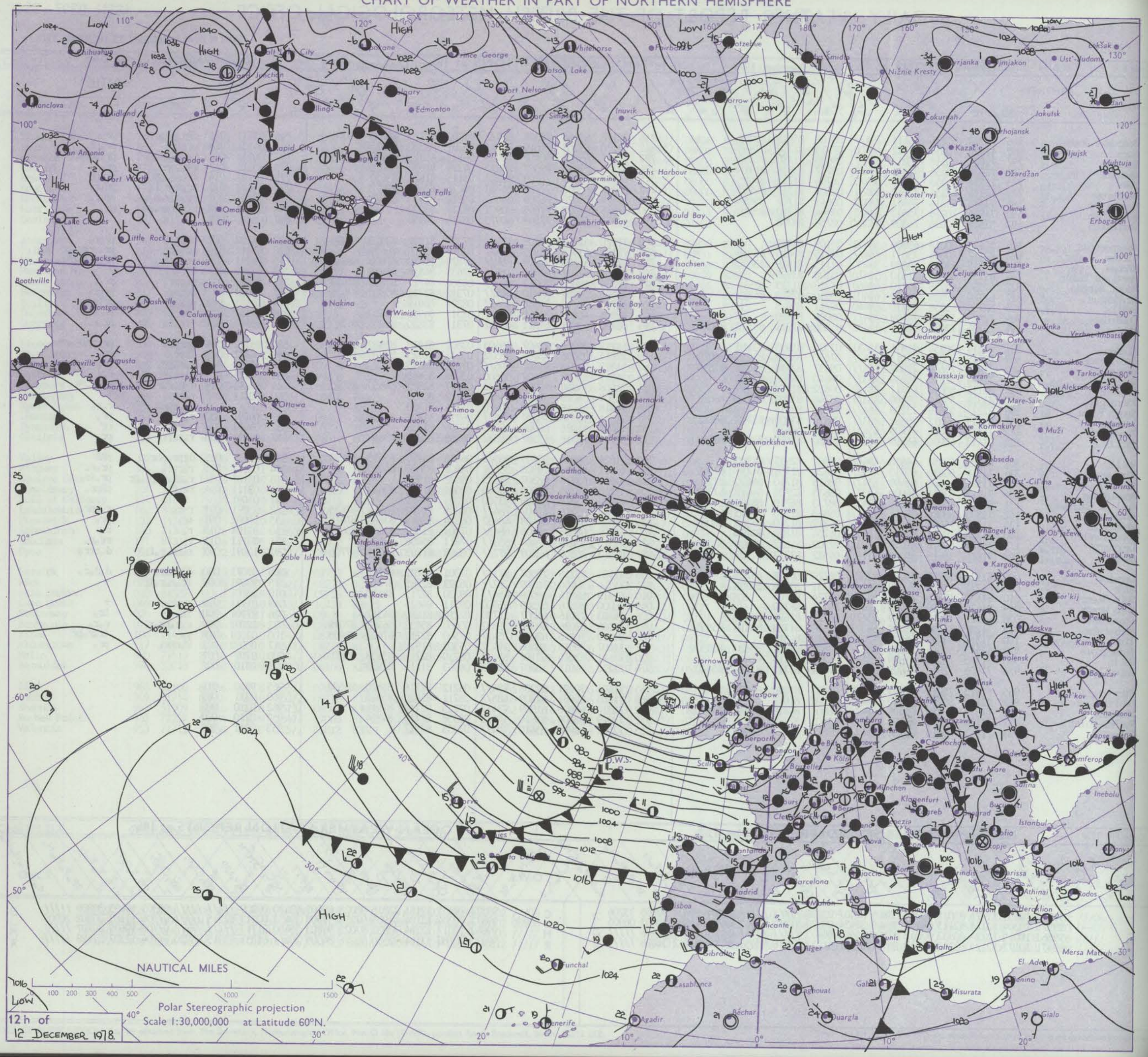
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	12121	83011	98258	68605	6343/	00208	/////	/////	05304	10704	30505	33206
	99571	70204	12124	62115	98258	56409	39434	00320	81914	83365	0//06	11085	30403	06905
	99663	10015	12124	60932	97012	97104	65400	00803	/////	/////	0//01	10595	30606	/////
	99471	70177	12124	82542	96618	86511	3242/	61253	83816	88458	0//06	11342	31026	/////

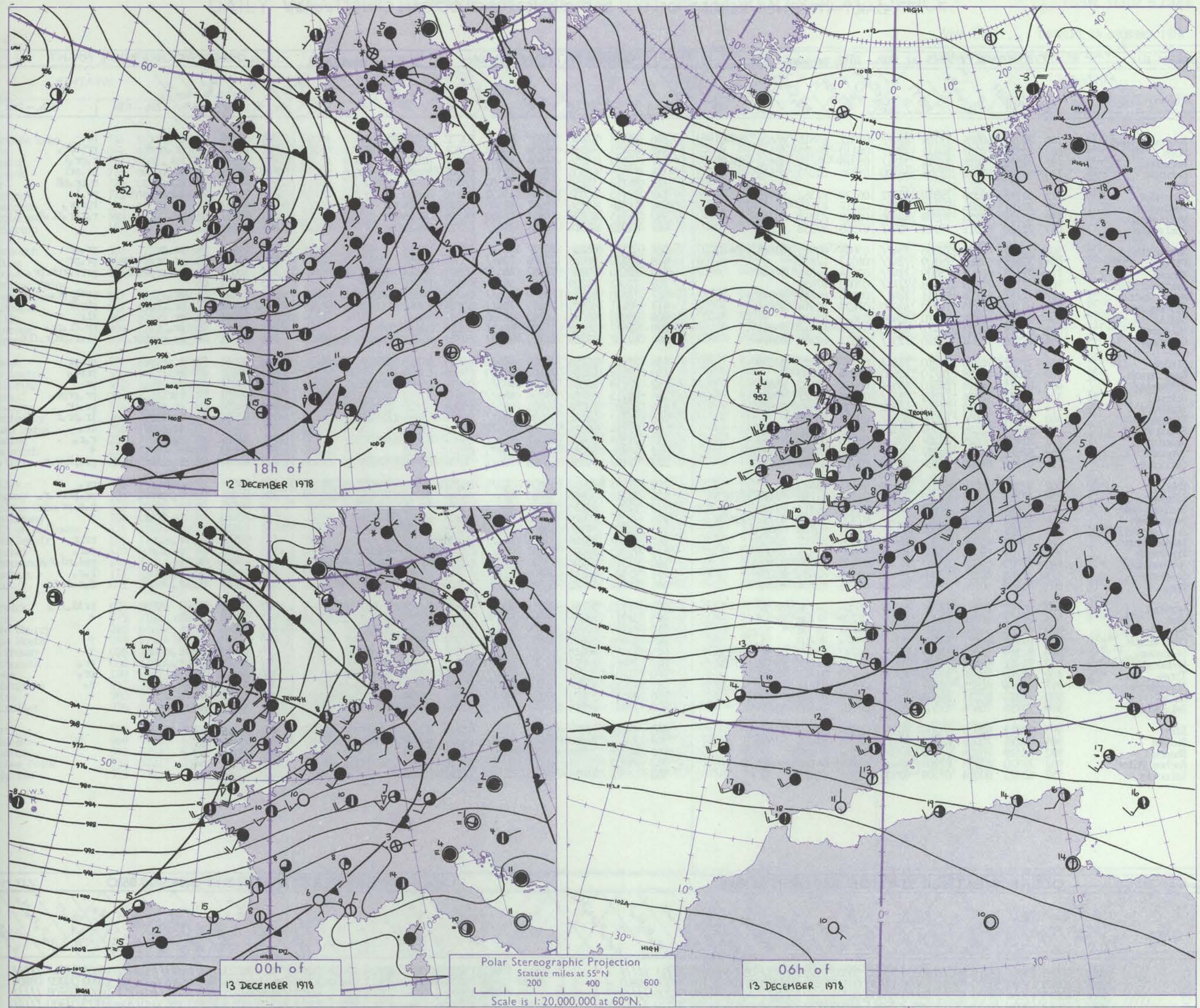
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	12181	72816	98028	69105	63430	00209	/////	/////	05303	10695	30809	/////
	99572	70204	12184	41905	97258	59509	39432	00213	82915	/////	0//06	11103	30302	20905
	99662	10017	12184	70832	97022	94803	75400	31713	/////	/////	0//00	10639	30707	/////
	99470	70180	12184	72550	95276	84509	794//	61331	85915	83820	0//04	11307	31128	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 13 DECEMBER 1978

During the past 24 hours, a deep depression moved steadily east towards Ireland, later turning northeastwards. The associated frontal trough moved north across all distrcts of the British Isles, with further troughs moving east towards southern areas of England and Wales. A second low south of Iceland moved slowly westwards.

During the next 24 hours, the low off northwest Ireland is expected to move slowly north, filling a little, with an unstable southwesterly airstream over all parts of the British Isles.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V — OBSERVATIONS at 00h. 13 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82222	60806	78709	884//	07017	85816	86624	88645
Hurn	862	72224	70258	80411	785//	08110	84823	87635	
Manston	797	62329	59018	81711	3851/	05318	81820	83650	85462
Gatwick	776	52322	59048	81311	58500	05224	81820	85645	
Kew									
Heathrow	772	52216	62018	79310	10932	06128	81362	85075	
Honington	586	72121	59026	77610	755//	06317	87623		
Wattisham	590	62224	70258	78809	48430	06319	83818	83360	
Gorleston	497	72120	66011	77110	7097/	07503	87358		
Aberporth	502	72320	60258	70808	734//	05003	82915	83818	85640
Filton	628	72317	65808	76109	724//	06023	87815		
Rhoose	715	72116	60806	75009	784//	07016	84818	87640	
Hartland Point	703	72720	70258	73908	727//	07003	87850		
Mount Batten	827	72131	60258	76911	784//	09826	84818	85635	
St.Mawgan	817	62228	57298	74910	63400	07629	82914	85816	
Scilly	804	52632	62028	75710	52400	03626	85818		
Culdrose	809	62429	65038	75411	63400	07635	81910	85815	
Guernsey	894	71928	58808	82910	723//	09822	82708	86814	
Elmdon	534	72322	70256	74010	785//	05137	81822	87630	
Cardington	559	32328	80258	76710	35600	06226	83630		
Wittering	462	62125	66018	74510	685//	06321	82820	85640	
Watnall	354	72222	75256	71909	785//	06319	84822	87635	
Shawbury	414	42220	75018	71110	48502	06332	83820	83645	
Finningley	360	81814	70606	70009	855//	08503	88624		
Spurn Point	396	82019	62626	71509	853//	08515	84708	88625	
Leeming	257	81408	50608	68107	852//	06716	84704	88640	
Tynemouth	262	61816	61031	68207	3563/	05810	83630	86358	
Carlisle	222	81310	62601	66108	855//	05612	83623	88638	
Valley	302	32327	70258	67909	35500	07137	83625		
Ringway	334	72213	50818	69909	794//	07320	81710	82915	87825
Squires Gate	318	72421	70256	67409	784//	08309	84817	87635	
Ronaldsway	204	82316	58638	65009	6532/	07305	81709	83712	85620
Mull of Galloway	131	81808	72618	63908	6741/	07302	86710	88460	
Eskdalemuir	162	61406	68026	67005	654//	04704	83712	86635	
Prestwick	135	71109	75038	65107	785//	05603	81824	86632	
Abbotsinch	140	71005	65028	65407	785//	05400	81820	87645	
Leuchars	171	41208	80026	67406	25602	05500	82630	83070	
Dyce	091	61508	50106	68608	66200	07311	82704	85707	
Lerwick	005	81122	56032	77707	863//	05804	84706	88710	
Wick	075	81122	36216	68309	863//	07720	84706	88709	
Sule Skerry	010	81124	58032	69309	863//	09711	88708		
Cape Wrath	049	81424	66021	65409	864//	08824	88710		
Stornoway	026	81114	75606	65209	855//	08712	82620	83640	88656
Berbecula	022	71212	80256	64008	784//	07502	81711	83818	87637
Tiree	100	41218	70018	63008	12430	07400	81818	83358	
Aldergrove	917	81813	60625	62307	854//	06810	83711	83620	88628
Malin	980	71210	82031	61408	757//	05808	87650		
Belmullet	976	72710	70605	57508	764//	07502	84718	85635	
Birr	965	72213	62806	64308	785//	05009	86820	86632	
Dublin	969	72218	70028	64609	784//	04103	83818	87630	
Shannon	962	42319	70258	64708	43500	05103	84920		
Roches Point	952	72320	65258	67808	49403	03708	84917	84073	
Valentia	953	62323	80018	67509	62500	05301	86823		

OBSERVATIONS at 06h. 13 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62418	82038	74907	685//	03702	85825	83635	
Hurn	862	62422	70258	76808	49403	03301	84915	83070	
Manston	797	12119	70256	76908	12463	04624	81816		
Gatwick	776	72319	65808	77008	795//	04504	84821	84925	
Kew	775	32115	75258	75008	38500	04707	81820	83640	
Heathrow	772	32115	80038	74508	15632	05616	81640		
Honington	586	11816	65256	73207	18500	04825	81824		
Wattisham	590	21915	80299	74605	18403	04723	81815		
Gorleston	497	81922	66818	74708	856//	05722	88630		
Aberporth	502	62728	68058	70707	624//	05317	86818		
Filton	628	72520	58818	73506	734//	05308	83912	85815	
Rhoose	715	82630	60258	72907	884//	05305	84814	88622	
Hartland Point	703	72643	74259	73607	5947/	04129	85918	87360	
Mount Batten	827	72630	62808	78109	795//	04324	84922	84827	
St.Mawgan	817	72631	60278	77309	734//	03224	83918	86824	
Scilly	804	62832	62028	79210	62500	09231	86824		
Culdrose	809	72627	58808	77509	6943/	05016	84912	83818	
Guernsey	894	62537	63259	82109	3943/	04311	81812	83923	86360
Elmdon	534	72117	80258	70406	49463	04705	81915	83819	85070
Cardington	559	32218	83258	72407	35600	03806	83630		
Wittering	462	72119	80808	71106	785//	04812	84820	87640	
Watnall	354	82115	66818	69306	884//	05613	83712	84816	88630
Shawbury	414	82205	78258	69305	855//	03308	82620	88645	
Finningley	360	81813	68036	68008	884//	05620	85816	88630	
Spurn Point	396	52214	66016	69408	40972	06725	84360		
Leeming	257	81308	60606	67507	855//	05607	83620	88630	
Tynemouth	262	51806	69022	66408	50970	05101	85358		
Carlisle	222	72107	70256	65508	785//	06205	82820	87635	
Valley	302	72425	70038	67609	585/8	05212	81820	85628	87270
Ringway	334	82512	56818	68505	834//	04509	81710	81914	88820
Squires Gate	318	82011	65218	67106	856//	05505	82635	88656	
Ronaldsway	204	72317	75026	65309	785//	04208	83824	87635	
Mull of Galloway	131	62323	82016	63408	4553/	05208	84620	83360	
Eskdalemuir	162	82007	50106	65106	862//	05604	88705		
Prestwick	135	72012	70028	63207	754//	05301	81714	84622	87632
Abbotsinch	140	81110	57208	63306	854//	05502	81712	86628	88650
Leuchars	171	81506	66616	64207	6512/	07716	82702	83710	85622
Dyce	091	80914	40582	66508	872//	07720	82705	85707	88711
Lerwick	005	81123	30206	76206	852//	05805	82703	84705	86708
Wick	075	51217	68056	68808	45430	06705	82710	83640	85360
Sule Skerry	010	61119	66016	69109	654//	09109	82710	85630	
Cape Wrath	049	40924	85031	65907	45500	07002	84625		
Stornoway	026	11017	80016	65007	15700	07306	81656		
Berbecula	022	20612	84021	62005	25600	04706	82645		
Tiree	100	71031	80258	59307	784//	06719	82711	84814	87656
Aldergrove	917	72015	70216	61907	6547/	05309	83714	85630	86459
Malin	980	82027	60806	56707	884//	06515	84714	85818	88640
Belmullet	976	72427	68806	60007	734//	05314	81716	85920	
Birr	965	72316	62808	66106	785//	05316	83820	86632	
Dublin	969	72217	70808	65407	734//	04309	84716	85920	86624
Shannon	962	42528	75038	67209	33503	02221	81920		
Roches Point	952	72327	75258	71107	39403	02120	83919	86073	
Valentia	953	52325	75018	70308	52500	02213	85823		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	01051	04	rr₀pr₀	pr₀
Hurn	862	11071	05	pr₀prpR	prpRpr₀
Manston	797	02071	05	rpr₀ir₀rr₀	r₀pr₀l
Gatwick	776	04061	04	pr₀prr₀r	pr₀prl
Kew	775	08071	04	r₀Rpr₀prr	r₀pr₀pR
Heathrow	772	04071	05	r₀rpr₀prpR	pr₀l
Honington	586	92061	04	r₀	r₀rpr₀
Wattisham	590	03051	03	pr₀	r₀rRr₀tl₀R
Gorleston	497				
Aberporth	502	11051	04	pr₀pr	pr₀pr
Filton	628	14062	04	pr₀prpHRphr	pr₀pr
Rhoose	715	15051	04	pr₀prpHRpr₀pr	prrr₀rphrpr₀
Hartland Point	703	05071	05		
Mount Batten	827	02071	05	pr₀	prtlrpr₀
St.Mawgan	817	07061	02	pr₀tl₀r₀	pRphr
Scilly	804	07061	04	pr	tlr
Culdrose	809	02061	05	pr₀	pr₀tl₀pr₀
Guernsey	894	06061	04	pr₀prph₀r₀	tl₀r₀ph₀r₀tlh
Elmdon	534	02061	05	r₀pr₀pr	pr₀pr
Cardington	559	02051	03	pr₀	prpr₀
Wittering	462	01061	05	pr₀	pr₀
Watnall	354	05051	02	rpr₀	pr₀prpr₀
Shawbury	414	02051	03	pr₀pr	pr₀pr
Finningley	360	03051	03	r₀rr₀r₀	ir₀pr₀r
Spurn Point	396			ir₀irpr₀	ir₀
Leeming	257	01061	03	pr₀r₀	r₀r₀
Tynemouth	262	00071	05	+	+
Carlisle	222	02071	02	r₀r₀Rrr₀pr₀	pr₀pRpr₀r₀
Valley	302	01081	07	prpr₀	pr₀
Ringway	334	07041	03	r₀rprpr₀	pr₀prrr₀r₀
Squires Gate	318	01061	04	ir₀rRpr₀	r₀r₀pr₀
Ronaldsway	204	05081	06	pr₀Rr₀r₀r	+
Mull of Galloway	131	02071			
Eskdalemuir	162	02051	03	r₀r₀	rr₀r₀
Prestwick	135	01051	01	pr₀r₀r₀	r₀r₀
Abbotsinch	140	04061	04	pr₀	prd₀rd₀r₀
Leuchars	171	02051	00	r₀r₀	r₀r₀
Dyce	091	03071	05	r₀	d₀r₀drir₀
Lerwick	005	01061	05	+	rrid₀ir₀
Wick	075	91081	05	ir₀	+
Sule Skerry	010	92081	07		
Cape Wrath	049	00071	05	+	+
Stornoway	026	01071	02	r₀r₀ir₀	+
Berbecula	022	94051	01	r₀pr₀	pr₀
Tiree	100	96071	06	pr₀	pr₀
Aldergrove	917	02062	03	d₀rd₀	r₀
Malin	980	9406	03		
Belmullet	976	1606	05		
Birr	965	0405	03		
Dublin	969	0306	05		
Shannon	962	0606	03		
Roches Point	952	0205	04		
Valentia	953	0106	04		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13001	72818	97018	70305	73400	00302	/////	/////	05303	10693	3//11	/////
L	99572	70203	13004	50000	98031	63608	21430	00317	82815	84360	0//06	11109	30000	20905
M	99662	10015	13004	60833	97012	94403	65400	00304	/////	/////	0//51	10597	30708	/////
R	99470	70182	13004	72638	97278	86507	794//	61809	81915	87650	0//04	11299	31220	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13061	82824	97618	74204	8742/	00223	/////	/////	05402	10689	3//13	/////
L	99572	70203	13064	70113	97802	66809	784//	00216	84814	86630	0//06	11080	30202	08804
M	99663	10012	13064	70734	97022	93603	75400	00705	/////	/////	0//52	10591	30708	/////
R	99470	70186	13064	82650	96071	85010	885//	61215	81820	88650	0//06	11279	31330	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42756

Date of Issue THURSDAY 14 DECEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 13 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62320	65158	78707	39563	02004	81820	83922	
Hurn	862	62416	70178	79709	59402	03803	83918	83820	
Manston	797	32423	82028	79509	12533	03021	81820	83070	
Gatwick	776	62421	82028	80408	39583	02119	81824	82926	83072
Kew	775	22414	80028	79209	28503	01120	82825		
Heathrow	772	32415	82018	79109	38603	04124	82830		
Honington	586	62220	78251	75808	38533	03125	81820	83635	85070
Wattisham	590	62323	80258	77207	39463	03119	81916	83620	85070
Gorleston	497	72420	66216	75507	785//	04220	82820	87625	
Aberporth	502	72522	59808	74305	794//	03206	87912		
Filton	628	72525	58818	77607	734//	03009	87918		
Rhoose	715	62218	70278	77008	29502	05400	81920	86072	
Hartland Point									
Mount Batten	827	72526	75029	78909	29563	03809	82920	83362	86070
St.Mawgan	817	62023	70158	77907	49403	03808	82918	84070	
Scilly	804	52522	60159	77909	53500	04719	85920		
Culdrose	809	72420	62029	79007	49463	03803	83912	85075	
Guernsey	894	72237	62279	81010	794//	05823	85818	83925	
Elmdon	534	62120	75028	75208	28592	01122	81822	83362	
Cardington	559	62421	80158	76807	59583	03128	84920	83070	
Wittering	462	52321	83018	74808	11432	03126	81818	84075	
Watnall	354	72317	70028	73607	725//	04225	87822		
Shawbury	414	52315	75258	73508	39463	04119	82918	83070	
Finningley	360	72212	70028	72007	48582	05222	82822	83634	86075
Spurn Point	396	72616	62216	71807	4567/	05222	84630	87460	
Leeming	257	72108	81026	70008	58572	05117	83820	83650	85360
Tynemouth	262	72003	48616	68807	7097/	06215	87358		
Carlisle	222	72410	66216	68708	784//	06216	81712	83623	87635
Valley	302	62327	78012	70909	33463	04108	81915	83820	86070
Ringway	334	72311	70028	72808	48572	03221	82825	83645	86068
Squires Gate	318	72420	65028	70908	48572	05221	82820	84640	85359
Ronaldsway	204	32322	80011	68709	18542	03118	81825	83073	
Mull of Galloway	131	72323	78032	66808	16406	04220	81710	87275	
Eskdalemuir	162	71909	70258	67706	784//	05114	81712	86816	87630
Prestwick	135	82110	82151	66507	7847/	05122	81712	83816	87620
Abbotsinch	140	71913	75026	65908	784//	05217	84818	86628	
Leuchars	171	70000	58106	67006	756//	05115	87640		
Dyce	091	72004	57216	66108	65232	07105	82704	86628	
Lerwick	005	80920	70216	75606	853//	04704	85708	88625	
Wick	075	71024	56151	68709	5833/	06500	82709	83815	85360
Sule Skerry	010	61024	64032	69909	5847/	07305	84810		
Cape Wrath	049	71424	80021	66708	5643/	08805	85710	87360	
Stornoway	026	70920	70801	66208	784//	07210	83818	87628	
Benbecula	022	41020	84018	63008	28531	05210	81820	83070	
Tiree	100	71723	56808	61009	6843/	08315	82710	84814	85620
Aldergrove	917	71917	70252	65806	784//	03220	82817	86625	
Malin	980	72024	70016	61607	764//	05126	86717	87635	
Belmullet	976	82224	60618	60507	4642/	06801	84716	88540	
Birr	965	11911	80028	67907	15600	02003	81636		
Dublin	969	42215	80018	68607	10932	00008	81362	84070	
Shannon	962	62110	82258	68308	584/2	03001	81717	83824	85640
Roches Point	952	52217	75258	70707	49401	02806	84918		
Valentia	953	72415	75038	69509	12532	04803	81823	84360	87070

OBSERVATIONS at 18h. 13 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71811	80028	75305	19563	04822	81922	87070	
Hurn	862	72216	62958	75907	695/3	05826	82822	85939	86075
Manston	797	62014	74801	79006	59463	05808	82817	82930	83656
Gatwick	776	61907	75039	77906	22563	03813	82828	85072	
Kew	775	61707	75021	76506	11502	03811	81825	86072	
Heathrow	772	21608	75011	76407	15762	04810	81650		
Honington	586	32007	75021	76505	10932	02805	81359	83070	
Wattisham	590	51911	75021	77205	00902	02805	85070		
Gorleston	497	21910	66021	76906	20970	03203	82360		
Aberporth	502	72012	65808	71503	4847/	02503	82815	84640	87359
Filton	628	71711	80258	72307	734//	03834	83915	84820	
Rhoose	715	71819	60808	71007	794//	05843	82917	87822	
Hartland Point									
Mount Batten	827	52833	70019	74410	59403	04522	81916	85824	
St.Mawgan	817	72530	56808	74008	794//	05502	81712	85915	
Scilly	804	63025	65258	76608	59403	05228	85918		
Culdrose	809	62723	59809	75808	69400	04310	83710	82912	85816
Guernsey	894	72332	62258	78609	595/3	05619	84820	82922	
Elmdon	534	71607	72038	73404	25556	03811	82625	84364	87270
Cardington	559	51810	80031	75605	21534	02806	82820	85072	
Wittering	462	61911	72021	74905	52532	03803	85824		
Watnall	354	61908	62021	73704	30942	03101	83360	86070	
Shawbury	414	71305	80028	72205	48503	03816	82820	83625	87070
Finningley	360	61808	65032	72803	15602	02002	81635	86070	
Spurn Point	396	12209	62026	74005	10970	04306	81360		
Leeming	257	52002	82028	71605	12532	02103	81820	85070	
Tynemouth	262	62303	61026	70406	6093/	03207	86358		
Carlisle	222	51906	65018	70106	28432	03206	81818	84072	
Valley	302	32418	75258	69908	32401	04504	83817		
Ringway	334	71811	70258	72405	38503	01806	82825	85068	
Squires Gate	318	11509	65018	71204	15600	02602	81640		
Ronaldsway	204	22209	82011	69307	18601	02102	81830		
Mull of Galloway	131	52314	82031	68407	32542	03210	83820		
Eskdalemuir	162	40000	62028	69903	48400	02208	83817		
Prestwick	135	31504	62041	68405	28442	04108	81818		
Abbotsinch	140	61804	65028	68206	18432	04210	81818	86070	
Leuchars	171	72505	63022	68706	755//	04212	81628	87635	
Dyce	091	72302	56052	68205	15602	04114	81630	87070	
Lerwick	005	80818	60026	75506	853//	04304	81707	88617	
Wick	075	61017	65606	68108	4833/	07306	81709	84632	86360
Sule Skerry	010	80924	60028	69908	853//	07003	82709	88620	
Cape Wrath	049	81134	66505	68207	874//	07207	88710		
Stornoway	026	80717	62618	68508	854//	08216	83710	86615	88625
Benbecula	022	61310	80216	67007	684//	06225	81710	83819	86637
Tiree	100	71519	75158	66009	784//	05221	83818	87633	
Aldergrove	917	11711	80021	67004	10932	01004	81359		
Malin	980	51726	83022	64007	45402	03308	81717	83640	
Belmullet	976	43015	68018	61909	435//	06329	84820	81920	
Birr	965	81814	66606	66107	864//	04713	85716	87633	
Dublin	969	71907	62031	68306	7093/	01601	87359		
Shannon	962	82617	59626	66208	864//	06508	84712	88718	
Roches Point	952	72218	75258	70407	39402	05002	81918	83635	87073
Valentia	953	82730	65628	70709	6642/	06316	86719	88550	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97081	038	pr₀	pr₀-l
Hurn	862	01091	011	pr₀tl₀	pr₀tlrTLRr₀
Manston	797	01091	024	pr₀pr	pr₀rr₀
Gatwick	776	03091	019	pr₀tl₀r₀	pr₀prtl₀rr₀
Kew	775	97091	029	pr₀	+
Heathrow	772	93091	028	pr₀	pr₀
Honington	586	97081	017	pr₀	l
Wattisham	590	93081	024	pr₀	+
Gorleston	497		019		
Aberporth	502	01081	007	pr₀ph₀r₀	pr₀
Filton	628	06081	037	pr₀prpHprpr₀	pr₀prpr₀
Rhoose	715	02091	021	phrprpr₀	pr₀
Hartland Point	703	04092	008		
Mount Batten	827	01101	011	pr₀tl₀r₀	pr₀
St.Mawgan	817	03091	018	pr₀pr	prpR
Scilly	804	03101	014	pr	irpr
Culdrose	809	04092	010	pr₀ph₀pr₀tlr₀	tlr₀pr₀ph₀
Guernsey	894	07102	007	tlhpRphrpr₀l	prlpr₀
Elmdon	534	05082	021	pr₀	pr₀r₀rr
Cardington	559	91091	034	pr₀	pr₀
Wittering	462	93081	027	pr₀	+
Watnall	354	91081	009	ir₀	r₀
Shawbury	414	91081	010	pr₀	jp
Finningley	360	97091	020	r₀	+
Spurn Point	396			r₀r₀	+
Leeming	257	02081	007	rpr₀	+
Tynemouth	262	01081	000	r₀r₀	+
Carlisle	222	96081	000	r₀r₀Rpr₀pr	+
Valley	302	92101	013	pr₀	pr₀
Ringway	334	91091	012	r₀pr₀	pr₀
Squires Gate	318	92091	003	pr₀	pr₀
Ronaldsway	204	00091	036	+	+
Mull of Galloway	131	00081			
Eskdalemuir	162	93063	000	r₀r₀pr₀	+
Prestwick	135	00081	000	jp	+
Abbotsinch	140	01081	000	pr₀prpr₀	pr₀
Leuchars	171	00081	000	+	+
Dyce	091	02083	002	d₀r₀rrr₀	if
Lerwick	005	93061	000	ir₀d₀r₀	ir₀
Wick	075	01091	000	ir₀	rrr₀r₀ir₀
Sule Skerry	010	01092			
Cape Wrath	049	92091	000	+	id₀id
Stornoway	026	03091	000	pr₀	r₀r₀ir
Benbecula	022	01091	001	ir₀	d₀d₀r₀pr₀
Tiree	100	02091	000	pr₀pr	pr₀
Aldergrove	917	97082	019	pr₀	+
Malin	980	9708	000		
Belmullet	976	0910	000		
Birr	965	9408	031		
Dublin	969	9108	043		
Shannon	962	0309	019		
Roches Point	952	0109	014		
Valentia	953	0310	015		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

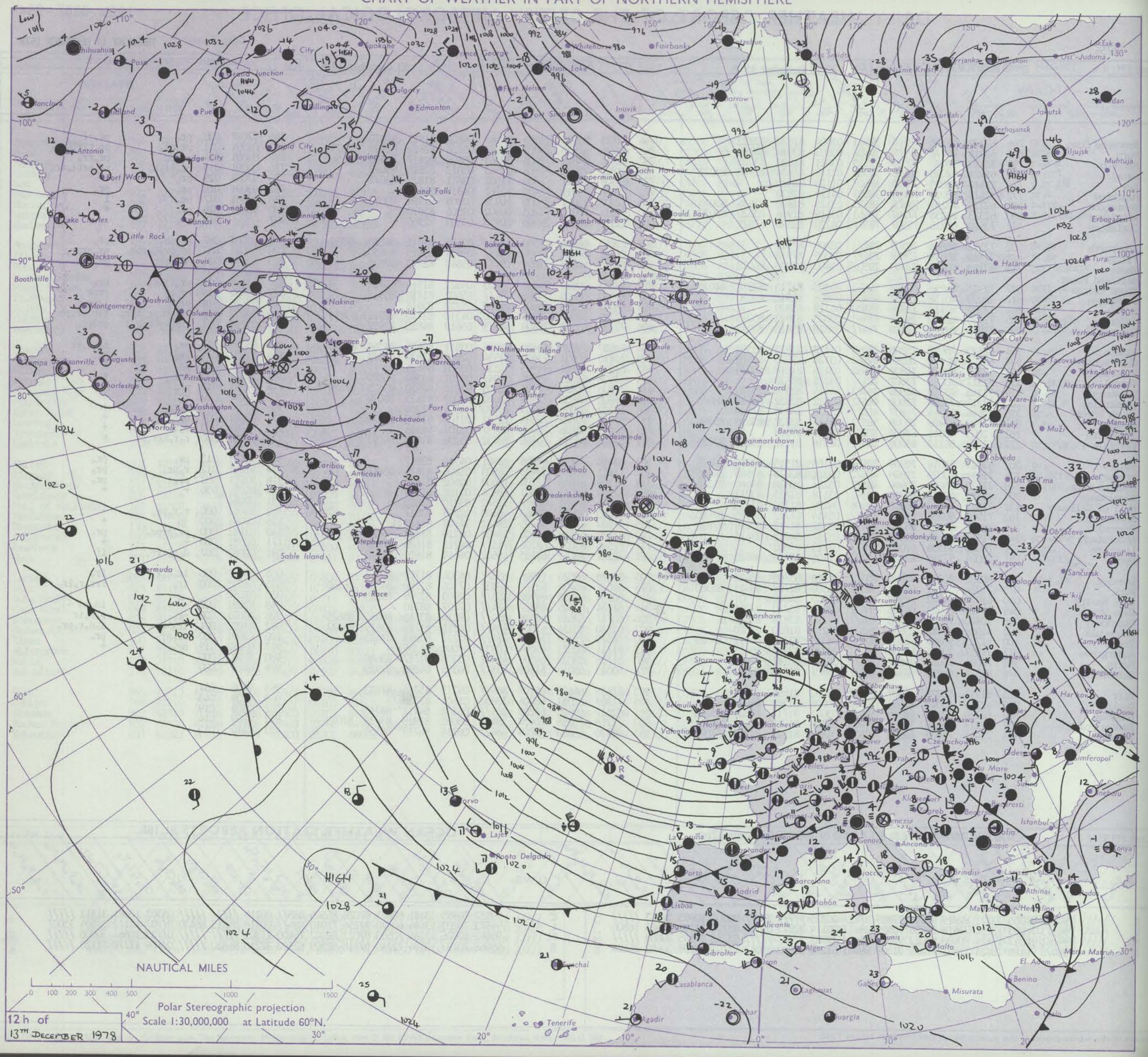
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13121	82819	97616	79805	8742/	00235	/////	/////	05304	10695	31213	/////
L	99573	70203	13124	73618	98038	70409	28432	00114	82815	85362	0//06	11118	30403	16806
M	99661	10017	13124	80436	97022	92002	854//	32602	/////	/////	0//52	10595	30808	/////
R	99470	70189	13124	72937	97018	91509	68503	61230	83820	84643	0//07	11298	30402	26124

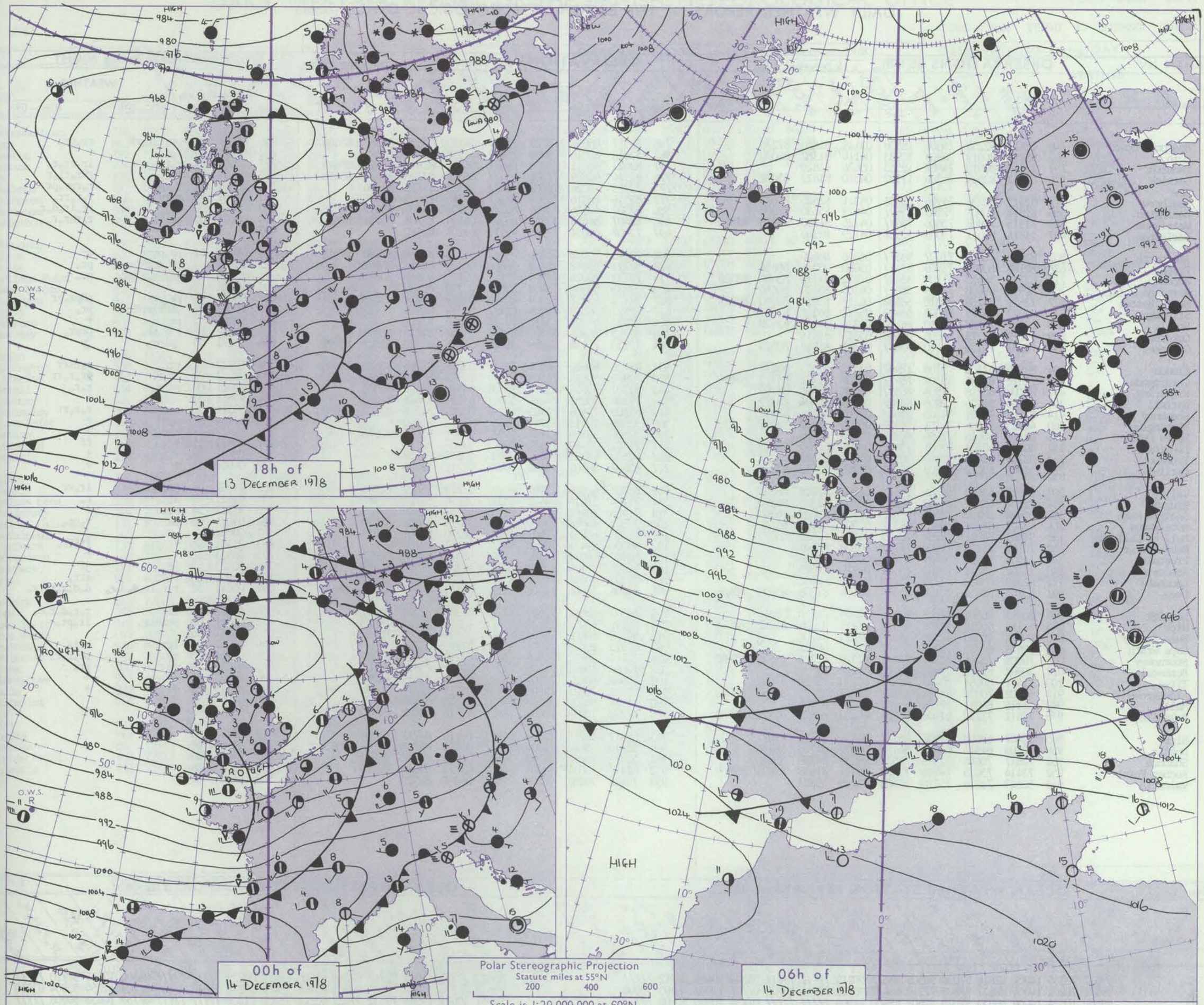
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13181	82821	97026	85505	885//	00216	/////	/////	05302	10681	31312	/////
L	99573	70203	13184	60420	97256	71010	684//	00318	84815	86630	0//07	11112	30504	35007
M	99662	10026	13184	70533	97022	92502	75400	21305	/////	/////	0//53	10664	30808	/////
R	99468	70183	13184	72740	97818	92509	62502	32210	86820	/////	0//06	11278	31120	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 14 DECEMBER 1978

During the past 24 hours a deep slow-moving depression just northwest of Ireland filled slowly whilst a new shallow low formed over the North Sea overnight. Troughs of low pressure moved eastwards in the strong westerly airflow over southern Britain.

During the next 24 hours the low near northwest Ireland will fill up, but the British Isles will remain in the circulation of the North Sea low, which will move slowly southeast.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V — OBSERVATIONS at 00h. 14 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	72413	82258	75606	18508	03119	81820	87270	
Hurn	862	62415	80019	76808	10933	04114	81362	86070	
Manston	797	22115	80018	74807	12563	05626	81820		
Gatwick	776	62413	82039	76506	11532	04310	81822	85072	
Kew									
Heathrow	772	62513	82038	74906	25531	04311	82625	86075	
Honington	586	81814	70601	72105	5567/	04623	85630	88360	
Wattisham	590	71915	70808	72806	784//	04726	81710	84816	87628
Gorleston	497	21816	66011	73006	20930	04729	82360		
Aberporth	502	82835	70218	71007	855//	06506	88620		
Filton	628	82108	60808	73506	834//	05000	85916	88634	
Rhoose	715	82324	58638	71708	3542/	07822	81712	83620	88526
Hartland Point	703	82935	69808	74309	885//	06305	85820	88646	
Mount Batten	827	72625	66258	78810	58438	06217	83818	83640	86275
St.Mawgan	817	72627	66279	78008	69403	05212	86916	83070	
Scilly	804	62927	70258	80510	68500	06225	84824	83630	
Culdrose	809	62622	62279	79608	69400	05315	84914		
Guernsey	894	72531	70258	81110	794//	05314	86818	82925	
Elmdon	534	81905	57106	73103	18407	03312	81815	88270	
Cardington	559	72616	81028	73106	784//	04306	83711	85713	87644
Wittering	462	83108	65218	71904	863//	04506	86706	88709	
Watnall	354	82403	58056	72403	46307	02501	84706	88275	
Shawbury	414	81202	70601	71303	5562/	02605	85645	88462	
Finningley	360	41803	50106	71701	10938	00504	81362	84270	
Spurn Point	396	82107	60616	72604	8092/	03505	88560		
Leeming	257	30702	60101	72001	15602	01400	81630	83070	
Tynemouth	262	32305	61021	71103	30930	01102	83358		
Carlisle	222	51605	63012	71203	35632	02206	83630	83362	
Valley	302	81614	63638	69706	3442/	04500	82818	88557	
Ringway	334	71507	56041	71903	20938	01702	82360	86270	
Squires Gate	318	61008	38108	71001	3567/	01702	83630	86360	
Ronaldsway	204	63505	84031	69806	58532	03303	83822	85650	
Mull of Galloway	131	31507	84011	69607	12505	03206	81820	83075	
Eskdalemuir	162	70000	25104	71900	762//	50108	87705		
Prestwick	135	11306	68020	70901	15702	00212	81656		
Abbotsinch	140	11402	45041	70703	15501	02210	81625		
Leuchars	171	82209	65022	70305	856//	03106	88632		
Dyce	091	83105	57614	70104	5532/	04106	81708	85630	88458
Lerwick	005	80913	80506	76605	854//	03304	82710	88617	
Wick	075	81111	60218	71708	853//	07213	82708	85712	88615
Sule Skerry	010	80924	48026	72908	863//	07213	88708		
Cape Wrath	049	80919	60525	71007	873//	07227	88708		
Stornoway	026	70903	75216	71308	754//	07320	82711	83615	87628
Benbecula	022	30902	82018	70805	38500	04218	81820		
Tiree	100	71411	80031	70107	785//	05220	81820	87631	
Aldergrove	917	60802	70031	69703	15532	02217	81622	83360	85070
Malin	980	21316	84011	69104	25600	02227	82645		
Belmullet	976	52612	72258	67608	5353/	06222	83820	81920	83640
Birr	965	82607	62608	71007	864//	06134	86715	87631	
Dublin	969	82703	64615	69006	864//	05309	84710	88714	
Shannon	962	72817	70806	72508	735//	06230	84920	85640	
Roches Point	952	72414	75028	74908	734/2	05231	81918	87635	87069
Valentia	953	52623	75258	75710	52500	05119	85823		

OBSERVATIONS at 06h. 14 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	72517	80036	77707	2567/	04223	82635	83360	87464
Hurn	862	52518	80016	79409	10932	04222	81360	85072	
Manston	797	82421	68611	75808	884//	06301	82815	84620	88645
Gatwick	776	82516	60609	77508	854//	06308	82710	86624	88656
Kew	775	72315	78026	75808	754//	05312	81712	87656	
Heathrow	772	82516	80216	75508	855//	06316	82625	88656	
Honington	586	82307	40586	73404	852//	03301	84704	85617	88628
Wattisham	590	82407	56618	73504	853//	04504	82708	85711	88624
Gorleston	497	72407	66031	72905	7097/	03204	87360		
Aberporth	502	72825	70018	76209	754//	05223	82614	83630	87650
Filton	628	52721	65018	76509	58400	06223	82816	84649	
Rhoose	715	72723	70028	76909	794/1	05225	83916	83635	
Hartland Point	703	52935	68808	78609	526//	06316	85830		
Mount Batten	827	72722	65258	82009	694/3	06219	86914	83075	
St.Mawgan	817	62627	70018	82009	624//	05219	86818		
Scilly	804	72932	65028	83710	735//	05210	87920		
Culdrose	809	82719	58808	83408	894//	05118	82710	88914	
Guernsey	894	72733	75158	84009	59563	04216	83820	83925	85070
Elmdon	534	82605	60616	74304	853//	03315	83706	85625	88656
Cardington	559	82905	50616	74204	873//	04312	86709	88714	
Wittering	462	52707	75016	73703	25531	03308	82625	84362	
Watnall	354	72506	50052	74002	5561/	01213	85645	87463	
Shawbury	414	82103	75606	74103	852//	02215	81704	83622	88647
Finningley	360	32604	25111	73201	25602	01212	81640		
Spurn Point	396	32808	50108	72904	20972	03207	82360	83075	
Leeming	257	21602	03460	73152	00901	53207	82075		
Tynemouth	262	42510	69021	72003	40930	00204	84358		
Carlisle	222	83602	50101	73502	863//	01211	88709		
Valley	302	83007	62606	73407	6242/	07215	86813	88545	
Ringway	334	71704	57016	74403	2531/	02216	81706	87465	
Squires Gate	318	71404	30102	73751	15731	51112	81650	87075	
Ronaldsway	204	50105	84018	73004	18532	03111	81822	85073	
Mull of Galloway	131	61206	60051	72407	620//	06210	81701	86815	
Eskdalemuir	162	90000	01474	73400	9////	51107	89/00		
Prestwick	135	60902	68011	73251	15708	51310	81650	86075	
Abbotsinch	140	72402	38114	72651	20931	51308	82360	87075	
Leuchars	171	82305	70616	71605	854//	04204	85616	88622	
Dyce	091	83406	56606	71606	6532/	06211	83707	85712	85625
Lerwick	005	80907	58616	77605	872//	04305	82705	88707	
Wick	075	80716	65056	74207	854//	04211	82715	88623	
Sule Skerry	010	80709	60606	75407	6732/	07209	86708	88460	
Cape Wrath	049	80913	60636	74307	873//	07215	88708		
Stornoway	026	70414	70252	74508	784//	07210	85815	85632	
Benbecula	022	73606	80801	74205	785//	05216	83820	86627	
Tiree	100	40902	80031	73304	18402	03115	81818	84072	
Aldergrove	917	41102	70021	72802	15532	01211	81620		
Malin	980	11506	84020	72303	15600	01125	81645		
Belmullet	976	62203	70038	70406	735//	05212	83820	81920	84638
Birr	965	62311	66216	74308	664//	06110	84717	84630	
Dublin	969	82814	65616	73306	863//	06215	84708	85715	88625
Shannon	962	52616	75018	75109	38502	06108	83820	83075	
Roches Point	952	62417	75011	78007	13402	05212	81918	86069	
Valentia	953	72625	70258	78209	735//	06207	87923		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	06051	03	pr₀r₀r₀rR	rr₀pr₀
Hurn	862	01071	05	r₀r	+
Manston	797	02051	02	r₀rl	lr₀rr₀r₀
Gatwick	776	04051	02	r₀r	rRr₀tl₀r
Kew	775	03061	02	r₀rR	r₀rpr₀pr
Heathrow	772	02061	03	r₀rR	r₀r₀rr₀
Honington	586	01041	02	lr₀	rr₀ir₀d₀r₀
Wattisham	590	03031	02	pr₀r₀	r₀rRr₀r₀
Gorleston	497				
Aberporth	502	09041	01	pr₀prrr	rr
Filton	628	09041	01	pr₀prpRpr₀rr	pr₀
Rhoose	715	10031	01	pr₀rr₀rrpr₀	pr₀
Hartland Point	703	04082	05		
Mount Batten	827	05071	06	pr₀pr	pHpr₀pr
St.Mawgan	817	10061	03	pRHtlrpR	pr₀
Scilly	804	94091	07	pr	+
Culdrose	809	06062	04	tlr₀ph₀	prpr₀
Guernsey	894	96071	05	jplpr₀	jp
Elmdon	534	13022	01	rr₀	r₀rRrr
Cardington	559	09042	01	pr₀R	r₀r₀rr
Wittering	462	02021	00	pr₀r₀	r₀r₀
Watnall	354	91011	51	r₀	+
Shawbury	414	05011	52	r₀r	r₀r₀rr
Finningley	360	97524	56	r₀	+
Spurn Point	396			r₀r₀pr₀	+
Leeming	257	00533	55	+	ff
Tynemouth	262	00021	50	+	+
Carlisle	222	00001	53	+	+
Valley	302	07052	04	pr₀r₀r₀	ir₀rr
Ringway	334	91021	51	d₀r₀-r₀	r₀
Squires Gate	318	97513	54	pr₀	+
Ronaldsway	204	05021	51	pR	r₀pr₀
Mull of Galloway	131	00051			
Eskdalemuir	162	91511	56	+	ffFFr₀
Prestwick	135	00523	55	+	+
Abbotsinch	140	00523	55	if	jf
Leuchars	171	02041	03	r₀r	rrr₀
Dyce	091	03011	52	r₀r₀ir₀d₀r₀	d₀d₀r₀r/ir₀
Lerwick	005	03042	03	id₀	r₀r₀d₀r₀d₀
Wick	075	02061	05	priRir₀	ir₀pr₀
Sule Skerry	010	03062	05		
Cape Wrath	049	08052	05	idrr	rrir
Stornoway	026	03061	05	r₀	pr₀r₀r₀
Benbecula	022	91031	53	+	pr₀
Tiree	100	00021	53	+	+
Aldergrove	917	00513	55	+	+
Malin	980	9702	53		
Belmullet	976	9304	01		
Birr	965	0507	05		
Dublin	969	1305	04		
Shannon	962	0408	06		
Roches Point	952	9207	04		
Valentia	953	0108	07		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14001	82818	97028	90505	885//	00219	/////	/////	05204	10689	3//12	/////
L	99572	70205	14004	80627	97808	77210	884//	00128	83814	88625	0//06	11042	30505	35008
M	99660	10024	14004	60533	97028	92602	69400	21504	/////	/////	0//54	10640	30808	/////
R	99465	70171	14004	72742	97018	93011	785//	22603	82820	87633	0//09	11340	31216	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14061	82717	97218	95505	834//	00222	/////	/////	05302	10681	3//10	/////
L	99572	70206	14064	70524	97808	82909	784//	00228	85815	87635	0//07	11054	30504	03010
M	99661	10029	14064	70532	97022	93801	72400	21208	/////	/////	0//55	10651	30808	/////
R	99462	70160	14064	42846	97038	97912	49500	32116	81920	83820	0//10	11336	31218	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42757

Date of Issue FRIDAY 15 DECEMBER 1978

Code FM 11.V **OBSERVATIONS at 12h.** 14 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72517	80028	81709	48432	05120	83818	85070	
Hurn	862	32419	81011	83210	29503	04216	81820	81925	83070
Manston	797	72419	82026	80309	48572	05123	81820	83650	85070
Gatwick	776	72517	82026	81809	68532	05221	83824	85630	87072
Kew	775	72416	83022	80510	685/2	05120	81820	83630	85656
Heathrow	772	72415	82256	80509	48508	06123	83825	86272	
Honington	586	82412	62602	78506	7537/	05117	83707	86614	88459
Wattisham	590	82620	59636	78906	853//	05121	82706	84710	88645
Gorleston	497	52410	58022	77904	55500	04222	85625		
Aberporth	502	72723	81022	79110	42402	05009	84818	87075	
Filton	628	72615	62258	80509	33463	07115	81916	86070	
Rhoose	715	72719	62808	80808	794//	06116	82918	84820	
Hartland Point	703	72826	80299	81709	6943/	06112	86915		
Mount Batten	827	72614	68258	85009	3948/	05009	81710	81918	87359
St.Mawgan	817	62522	65019	84510	49403	05009	81915	84820	85070
Scilly	804	72724	70031	85711	12572	03007	81824	87075	
Culdrose	809	42622	75018	85510	42401	04305	82712	83818	
Guernsey	894	72427	70158	87311	49533	05218	83820	82938	86070
Elmdon	534	72314	62216	78107	7847/	06116	81812	87650	
Cardington	559	72904	62606	78807	6857/	07116	81820	85650	87360
Wittering	462	72512	65602	77906	7532/	05114	83709	85711	86616
Watnall	354	72307	20214	77504	75372	03013	82708	86625	
Shawbury	414	71302	59616	77707	6527/	06114	81705	86616	87360
Finningley	360	70000	21041	76800	18502	51117	81820	87072	
Spurn Point	396	82706	50031	77103	40972	02220	84360	88075	
Leeming	257	71203	30044	76402	15532	01116	81620	87075	
Tynemouth	262	72615	61021	74804	6557/	02214	86625		
Carlisle	222	82402	56102	76104	853//	03112	84709	86622	88640
Valley	302	72422	70216	76609	58472	07111	83816	85630	87359
Ringway	334	82008	35625	77504	852//	03114	82704	85710	88620
Squires Gate	318	81307	10504	76303	853//	03009	87708	88620	
Ronaldsway	204	70103	68038	75907	784//	07116	81710	85816	85650
Mull of Galloway	131	80709	60052	75506	6731/	06214	86708	88460	
Eskdalemuir	162	70000	14286	76101	760//	01113	87701		
Prestwick	135	61202	58041	75903	55402	02214	81710	85630	
Abbotsinch	140	72302	35106	75503	65572	02213	82622	86630	
Leuchars	171	73505	75606	75306	754//	05219	81710	83616	85628
Dyce	091	80209	65028	76006	884//	05222	82711	84820	85626
Lerwick	005	70808	65216	81505	7847/	03219	81710	83812	86625
Wick	075	80817	62618	78406	6537/	05223	82709	83616	86635
Sule Skerry	010	80909	64616	79307	5732/	06220	85708	88558	
Cape Wrath	049	80917	58626	78206	853//	06222	85708	88615	
Stornoway	026	80613	66616	78307	5547/	07220	81710	83617	85359
Benbecula	022	70609	80258	76808	48438	07214	82816	84630	85359
Tiree	100	70208	80151	76108	684/2	07214	83816	85628	
Aldergrove	917	60505	58101	75603	654//	02214	83616	85622	
Malin	980	11108	83020	75607	18502	04214	81820		
Belmullet	976	70803	62638	73608	764//	07116	83712	86717	87636
Birr	965	72312	66806	76207	6347/	06112	86918	87458	
Dublin	969	82516	70586	75208	864//	06006	84712	87718	
Shannon	962	72516	62808	76508	7343/	06108	82717	85922	
Roches Point	952	72217	70028	79210	19402	06001	81914	85070	
Valentia	953	72422	80038	79009	52532	07003	85823		

OBSERVATIONS at 18h. 14 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	42311	70018	83606	25501	03212	82620	84070	
Hurn	862	72116	60818	84309	795//	05204	85920	86639	
Manston	797	72414	70802	84307	59462	05225	81915	83818	87075
Gatwick	776	42311	81028	84706	10932	04318	81362	84075	
Kew	775	12208	80018	83407	15631	04119	81635		
Heathrow	772	22110	75018	82908	15603	05216	81635		
Honington	586	71906	56016	81505	45602	05121	84635	86070	
Wattisham	590	62315	65016	82207	30932	05225	83359	85070	
Gorleston	497	82406	60216	81606	855//	05224	88625		
Aberporth	502	72415	70028	79807	22432	05310	82818	87073	
Filton	628	32410	70018	82107	29403	05109	81912		
Rhoose	715	42316	65258	81407	28501	05008	82820	83075	
Hartland Point	703	52727	72918	81209	43540	07105	81920	83825	
Mount Batten	827	52616	65018	83709	32550	07001	83826	83360	
St.Mawgan	817	62620	75258	83209	49403	06502	83814	82920	
Scilly	804	32820	70258	84410	38400	08005	81818	83623	
Culdrose	809	52719	62028	84109	52400	06303	82816	84824	
Guernsey	894	82321	57818	86709	893//	07802	82707	85811	85916
Elmdon	534	72505	64802	80607	6843/	05119	81710	83818	86628
Cardington	559	72314	65028	81807	10932	05120	81365	87072	
Wittering	462	62211	80026	80606	45602	05216	84640	84070	
Watnall	354	72105	20106	79405	15732	04111	81650	86070	
Shawbury	414	72112	80806	79007	58502	05209	82820	85650	85072
Finningley	360	81702	21636	79205	5552/	05217	85622	88550	
Spurn Point	396	72104	50032	79704	3567/	03216	83630	87360	
Leeming	257	11406	12101	79001	15530	01220	81624		
Tynemouth	262	72710	61022	78205	3567/	03222	83630	87358	
Carlisle	222	60602	30102	78803	656//	03219	86640		
Valley	302	82418	70608	77609	854//	07213	85615	88624	
Ringway	334	81305	30586	79006	854//	05211	81710	88620	
Squires Gate	318	81905	30658	78007	7512/	07214	82702	84707	86613
Ronaldsway	204	80511	58218	77407	853//	06317	82709	88628	
Mull of Galloway	131	50910	60052	77806	554//	05221	82710	85625	
Eskdalemuir	162	70000	60022	79003	752//	03221	81704	83612	87617
Prestwick	135	60402	58042	78804	654/2	02322	81618	83625	85645
Abbotsinch	140	50000	15406	79102	55400	02227	81618	85626	
Leuchars	171	73509	68026	78607	754//	03221	81710	87630	
Dyce	091	81005	56586	79406	853//	05328	82708	85714	88630
Lerwick	005	80908	62608	86404	854//	03232	82710	88618	
Wick	075	70718	75028	82806	784//	03225	82714	84816	86625
Sule Skerry	010	80913	60808	83807	884//	06231	85810	88620	
Cape Wrath	049	80915	58636	82706	873//	06228	88707		
Stornoway	026	70810	75256	83007	784//	05233	83818	86635	
Benbecula	022	50615	80011	81007	48402	05329	82818	83640	
Tiree	100	30410	84011	79404	18440	03226	81818		
Aldergrove	917	40807	40041	78204	15531	03222	81620	83075	
Malin	980	72105	82011	78804	684/2	03219	84818	84635	
Belmullet	976	40308	72028	77207	43402	06231	81716	83820	81920
Birr	965	81201	60618	76607	6647/	06106	85710	84625	88458
Dublin	969	82903	80036	77107	863//	06314	81708	86714	88630
Shannon	962	72109	70808	76008	734//	08305	82712	84920	
Roches Point	952	72320	70808	78509	694/2	07203	84916	86637	85070
Valentia	953	72718	70258	78909	734//	07110	87918		

OBSERVATIONS during DAY

Station	iii	RRTxTE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	93091	030	pr₀	+
Hurn	862	04111	037	pr₀	pr₀prpR
Manston	797	97101	015	+	pr₀
Gatwick	776	03091	005	pr₀pr	pr₀pr
Kew	775	02101	022	+	pr₀pr
Heathrow	772	01101	020	pr₀	pr₀prpRpr₀
Honington	586	03071	000	r₀r₀rrr₀r	r₀
Wattisham	590	03081	000	r₃r₀rr	+
Gorleston	497		000		
Aberporth	502	01101	015	pr₃	pr₀
Filton	628	03101	012	pr₀pRphr	pr₀pr
Rhoose	715	03101	012	pr₀prpr₀ph₀r₀	pr₀ph₀r₀pr₀
Hartland Point	703	01112	015		
Mount Batten	827	04111	011	pr₀pr pr₀	prpRpr₀
St.Mawgan	817	06111	018	tl₀r₀pr	prphr
Scilly	804	03111	013	pr	pr₀
Culdrose	809	02112	016	pr₀pr	pr₀
Guernsey	894	02111	021	pr₀h₀	pr₀pr
Elmdon	534	03091	000	rrr₀r	pr₀
Cardington	559	06091	000	rrr₀ir₀	pr₀
Wittering	462	03061	000	r₀rR	+
Watnall	354	02051	000	fr₀r₀r	+
Shawbury	414	02091	000	r₀rr₀r₀	pr₀
Finningley	360	11052	000	r₀	r₀r₀rrR
Spurn Point	396			+	r₀r₀
Leeming	257	00053	026	+	fFF
Tynemouth	262	00051	000	+	+
Carlisle	222	00051	000	+	+
Valley	302	08091	000	rrr₀r₀pr₀rr	rrr₀r₀ir₀
Ringway	334	10061	000	d₀rKr₀r	rRrdrd₀r₀r
Squires Gate	318	16071	000	FpRd₀r₀Rrff	r₀rRR
Ronaldsway	204	01071	000	pr₀pr	ir₀
Mull of Galloway	131	00071			
Eskdalemuir	162	92041	000	ffr₀d₀r₀	pr₀
Prestwick	135	00041	018	+	+
Abbotsinch	140	97051	000	jfr₀	ir₀jf
Leuchars	171	95071	001	r₀	+
Dyce	091	01071	000	pr₀r₀ ~~id₀d₀r₀~~	id₀d₀r₀r₀
Lerwick	005	01051	000	ir₀pr₀	pr₀r₀r₀
Wick	075	01071	000	pr₀r₀r₀	pr₀
Sule Skerry	010	02072			
Cape Wrath	049	03082	000	irrr	rr
Stornoway	026	01081	000	r₀r₀	pr₀
Benbecula	022	91081	000	pr₀	+
Tiree	100	00091	036	jp	+
Aldergrove	917	00062	007	jf	+
Malin	980	9709	050		
Belmullet	976	0808	002		
Birr	965	1308	000		
Dublin	969	0808	000		
Shannon	962	0610	002		
Roches Point	952	9710	033		
Valentia	953	0210	012		

Code FM 21.V **OCEAN WEATHER STATION REPORTS at 12h.**

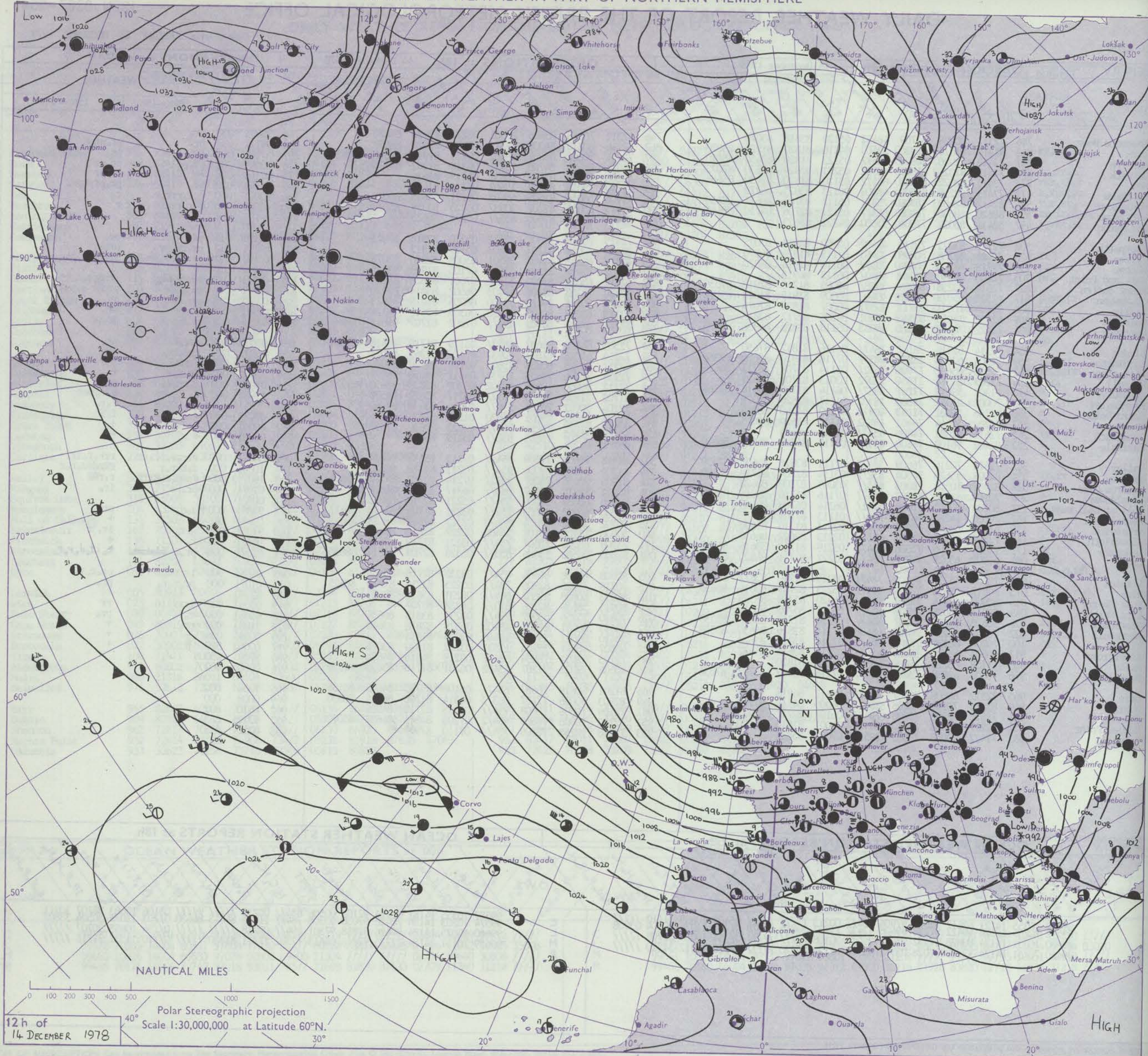
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	14121	82617	97028	97904	884//	00213	/////	/////	05404	10689	31110	/////
	99572	70205	14124	60422	97258	89408	42432	11232	84814	84078	07704	11036	30504	03908
	99660	10031	14124	80828	97152	95001	894//	00108	/////	/////	0//54	10664	30708	/////
	99460	70151	14124	42739	97028	03512	42500	61129	84820	/////	0//10	11312	31220	/////

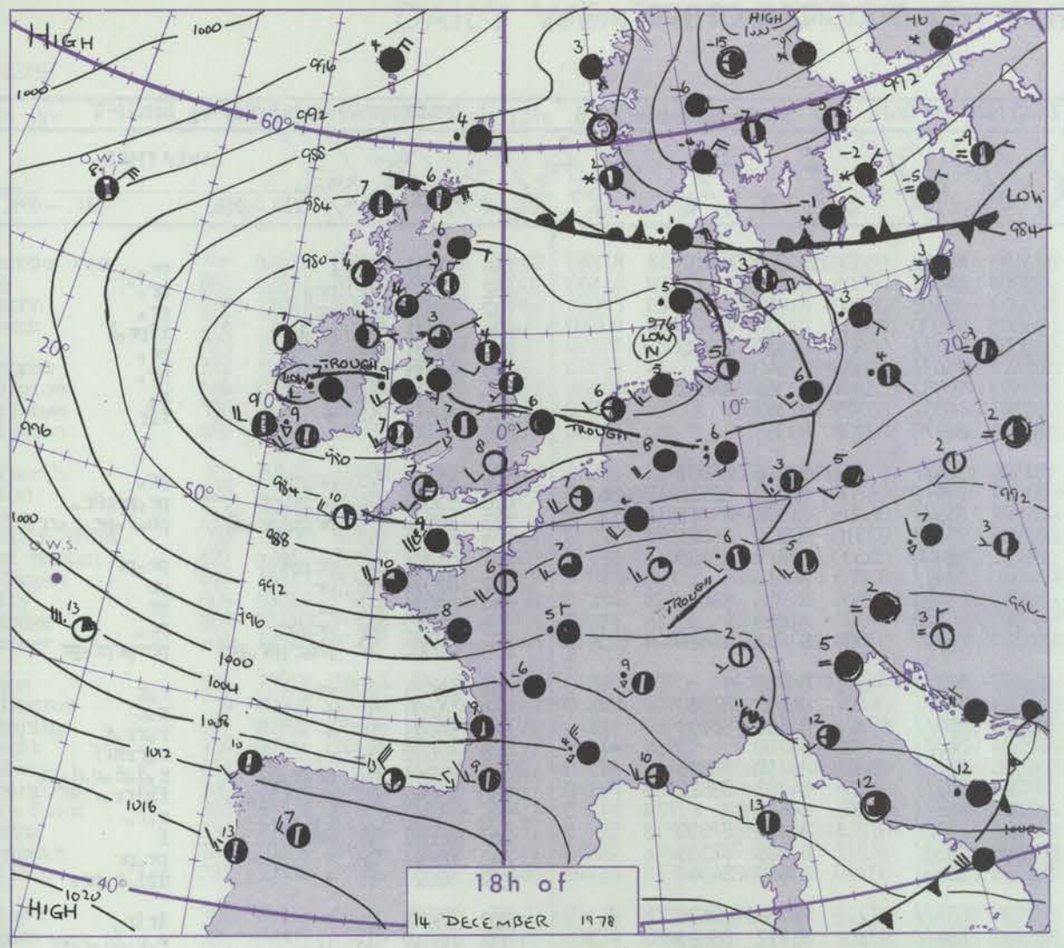
OCEAN WEATHER STATION REPORTS at 18h.

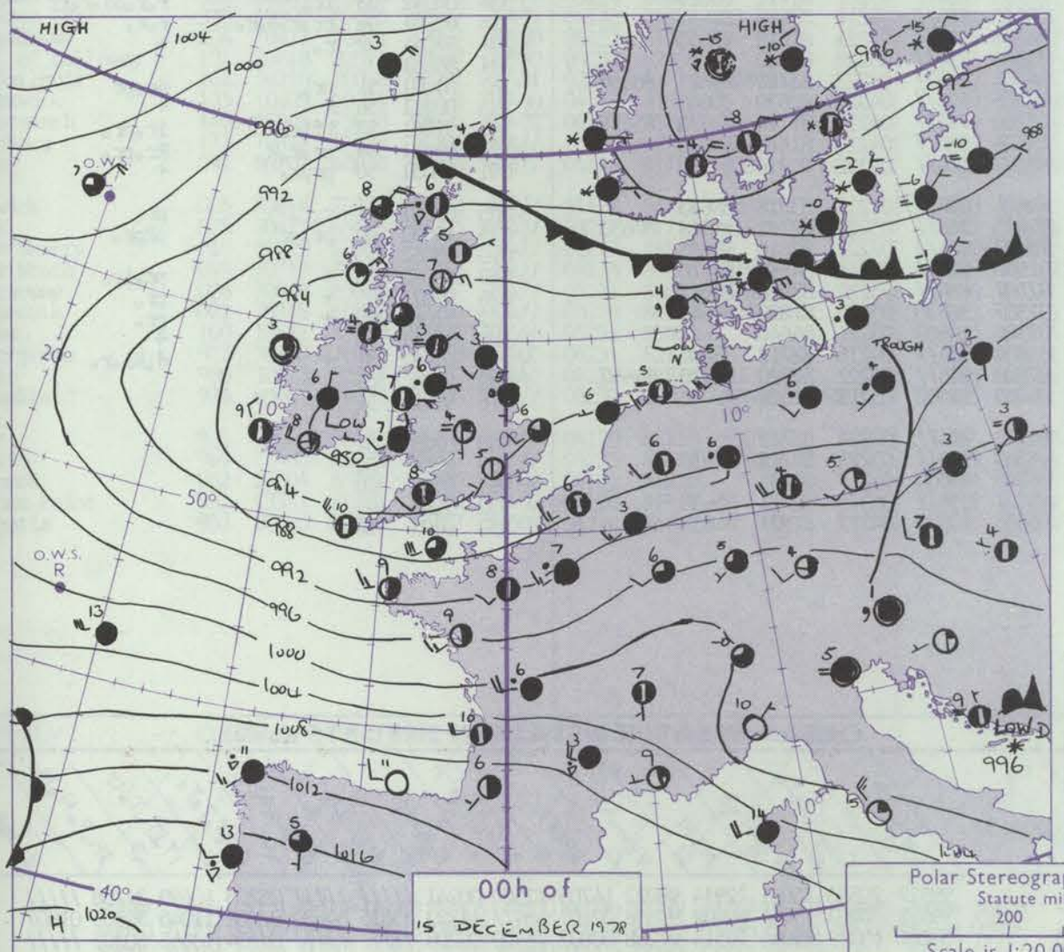
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	14181	82714	97108	00506	834//	00215	/////	/////	05106	10683	30707	30211
	99574	70203	14184	70428	97038	93308	784//	11325	84815	86630	07703	11078	30504	33807
	99660	10025	14184	80626	97858	97501	894//	00218	/////	/////	0//54	10655	30707	/////
	99459	70151	14184	22735	97018	04613	12502	22311	81820	/////	0//10	11311	31218	/////

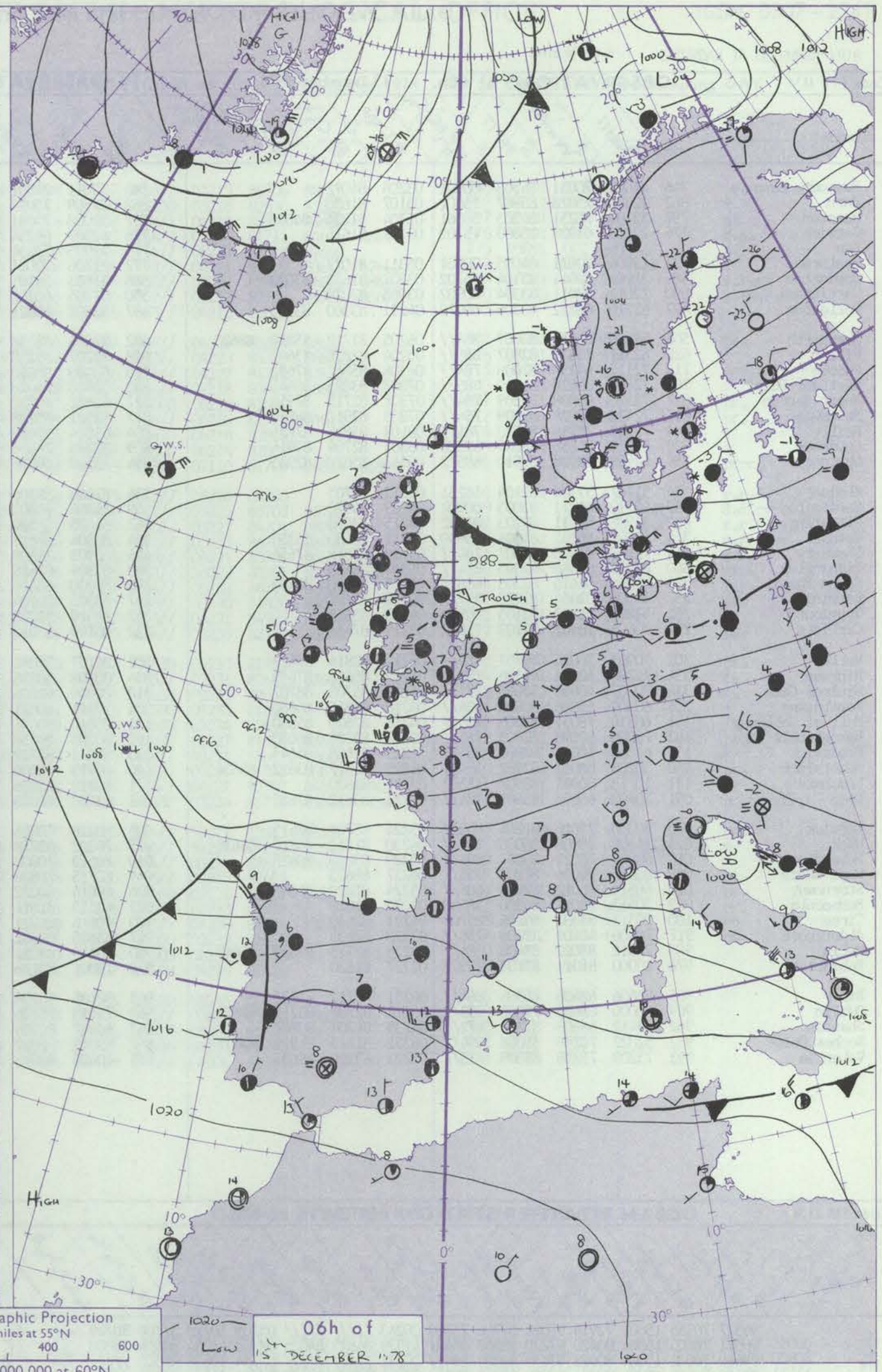
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 15 DECEMBER 1978

During the past 24 hours a large area of low pressure over the British Isles and North Sea moved slowly south and became less deep. A strong westerly airflow persisted in the English Channel while slack gradients prevailed over central parts. An easterly airflow gradually developed over Scotland.

During the next 24 hours the low pressure area over England and Wales is expected to move slowly east and continue filling as a north to northeasterly airflow gradually spreads from the northwest across most of the British Isles.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V — OBSERVATIONS at 00h. 15 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	42009	70031	84503	00901	03206	84072		
Hurn	862	12306	75028	85007	15601	05107	81630		
Manston	797	52108	75251	84505	58561	05704	81824	84642	
Gatwick	776	22106	61028	85303	15702	03308	81656		
Kew									
Heathrow	772	12006	80021	84005	00901	05311	81077		
Honington	586	32008	60011	83104	15702	03207	81650	83072	
Wattisham	590	22011	62011	83504	00902	03003	82070		
Gorleston	497	62210	66022	83306	60978	04211	83360	83275	
Aberporth	502	82109	60638	80007	884//	06205	81712	85816	88625
Filton	628	62311	75038	82807	685//	05204	82820	85642	
Rhoose	715	72112	65258	82408	784//	06306	85817	87632	
Hartland Point	703	72626	80028	81010	6853/	07803	83825	86645	
Mount Batten	827	72520	60808	84609	794//	07301	82715	87918	
St.Mawgan	817	72420	70028	83609	794//	07803	82910	86813	
Scilly	804	72927	70258	85510	784//	08103	85818	87625	
Culdrose	809	62725	75258	85009	69300	06301	82709	85914	
Guernsey	894	62528	72028	87910	695/2	05313	85820	82925	
Elmdon	534	31707	57108	82104	16231	03312	81705		
Cardington	559	42110	66011	83005	00902	04209	84072		
Wittering	462	31908	66011	82703	00902	03215	83070		
Watnall	354	52002	66032	81404	25630	03211	82630	85359	
Shawbury	414	72002	70808	80807	784//	04110	83818	87656	
Finningley	360	80902	06466	81305	854//	05307	88616		
Spurn Point	396	81806	56616	82305	6567/	05215	86630	88460	
Leeming	257	90302	02454	82600	9////	00219	89/01		
Tynemouth	262	53205	61022	82105	50930	04223	85360		
Carlisle	222	70602	18102	82103	756//	03219	87634		
Valley	302	70905	70026	79707	784//	06212	82814	87628	
Ringway	334	71706	62606	81106	755//	05213	85628	87645	
Squires Gate	318	80807	40616	80606	872//	05216	85705	88707	
Ronaldsway	204	60309	65016	80806	684//	04218	82815	86650	
Mull of Galloway	131	60316	78031	81505	2555/	04218	82620	85360	
Eskdalemuir	162	70000	50808	82303	785//	02217	83820	86630	
Prestwick	135	61802	50041	82901	55501	51223	82628	85645	
Abbotsinch	140	50203	68011	82802	584/1	01223	81817	83622	85634
Leuchars	171	10715	80011	83907	12502	03231	81820		
Dyce	091	70702	65256	85805	784//	04231	83812	87632	
Lerwick	005	80303	70616	91204	852//	03224	85704	88615	
Wick	075	71308	70808	88006	784//	04230	81712	84817	86630
Sule Skerry	010	80909	70028	89307	884//	05229	83810	88625	
Cape Wrath	049	80715	74026	87707	855//	06227	88625		
Stornoway	026	60514	75012	87908	685//	05224	81820	86640	
Berbecula	022	30517	82011	86306	38500	03224	81820		
Tiree	100	20313	88031	84206	25700	04221	82650		
Aldergrove	917	70606	40101	82204	756//	03222	87635		
Malin	980	70612	83022	83408	784//	05226	82715	83820	86640
Belmullet	976	20000	81011	83103	28502	02227	81820		
Birr	965	83606	62606	81006	864//	06231	86712	88625	
Dublin	969	80000	62605	79806	853//	05214	82707	83715	87628
Shannon	962	83412	65608	81707	872//	06239	84704	88707	
Roches Point	952	52822	70258	81008	594//	06231	81819	81919	85637
Valentia	953	73209	75258	83309	735//	07223	83920	86635	

OBSERVATIONS at 06h. 15 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72011	74801	83105	68532	05606	82820	85635	
Hurn	862	22309	75028	83909	18501	07505	81820		
Manston	797	52008	75031	85203	58402	03000	81815	85638	
Gatwick	776	62107	64254	84605	65500	05607	81625	86635	
Kew	775	71905	75251	83507	785//	05808	81820	87635	
Heathrow	772	71706	70011	83407	756//	06608	87640		
Honington	586	51603	56101	83903	20932	03204	82364	84072	
Wattisham	590	21705	40100	84203	10932	03201	81362		
Gorleston	497	32508	66021	84404	30970	03208	83360		
Aberporth	502	72006	82038	81506	784//	05313	82818	87626	
Filton	628	72207	75258	81607	794//	06706	82710	82915	86636
Rhoose	715	82405	58618	81007	853//	06805	81707	83712	88618
Hartland Point	703	72920	74028	81809	735//	07310	82920	86825	
Mount Batten	827	42622	70018	84210	48400	06500	83819	83635	
St.Mawgan	817	72721	60258	84310	784//	07003	86813		
Scilly	804	63024	70028	86710	49403	07304	84918	83075	
Culdrose	809	32716	74018	85509	38400	07301	81816		
Guernsey	894	72530	64808	86709	794//	07508	83812	85916	
Elmdon	534	81505	59106	81805	863//	04501	88706		
Cardington	559	71806	66601	83004	6567/	04601	86633	87360	
Wittering	462	81605	58101	82903	855//	03801	84626	88633	
Watnall	354	80304	06616	82504	860//	04302	88700		
Shawbury	414	80903	28508	31306	854//	05201	86710	88616	
Finningley	360	80304	09616	83204	851//	04208	84702	88622	
Spurn Point	396	80000	60616	83806	856//	06206	88630		
Leeming	257	73505	20104	84901	754//	01211	81616	87650	
Tynemouth	262	70919	81028	85808	3353/	04218	83925	87358	
Carlisle	222	50709	58012	85505	3563/	03220	83640	84360	
Valley	302	80107	59042	82408	853//	07216	86706	88624	
Ringway	334	80808	58636	82705	854//	03207	81712	88620	
Squires Gate	318	80409	62606	83405	855//	04316	82628	88635	
Ronaldsway	204	70311	80021	84406	784//	04221	81818	87650	
Mull of Galloway	131	80615	80031	84905	856//	03218	83630		
Eskdalemuir	162	80205	50258	86504	5847/	03223	83710	83625	88360
Prestwick	135	60611	62012	86506	656//	04327	82630	85645	
Abbotsinch	140	70713	70606	87306	754//	04227	81714	83626	85630
Leuchars	171	60712	65026	88506	684//	04220	81815	86640	
Dyce	091	63402	62038	90503	684//	02222	85816		
Lerwick	005	60218	70016	94004	684//	01215	83815	86635	
Wick	075	70302	65258	92405	784//	05224	82712	85818	87630
Sule Skerry	010	80519	70808	93207	884//	07222	82810	88625	
Cape Wrath	049	80715	70808	91906	884//	06216	84815	88620	
Stornoway	026	60614	80022	92507	684//	05222	83818	85642	
Berbecula	022	40513	81011	91307	38530	05225	81820	83645	
Tiree	100	40416	86021	89306	45600	03226	84640		
Aldergrove	917	83605	60501	85804	854//	04216	82712	88626	
Malin	980	50619	83031	87608	535//	04222	82820	81920	84640
Belmullet	976	13001	80118	86903	18500	03219	81820		
Birr	965	80103	58106	86703	864//	03224	88715		
Dublin	969	73513	75026	84505	754//	03225	83719	87630	
Shannon	962	43607	60106	86305	45600	04217	84645		
Roches Point	952	63012	62012	85807	654//	06315	82711	85639	
Valentia	953	40405	80018	86305	43500	04212	81921	84635	

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_nE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	92031	50	1	pr.
Hurn	862	92051	01	pr.	pr.
Manston	797	01031	01	pr.	pr.
Gatwick	776	93021	53	pr.lif	ifpr.l
Kew	775	97021	53	+	pr.
Heathrow	772	92031	52	+	pr.
Honington	586	97011	51	+	r.
Wattisham	590	96011	51	+	ffr
Gorleston	497				
Aberporth	502	05051	03	pr.rr	pr.
Filton	628	05061	04	pRpr.pr	pr.prpRr.
Rhoose	715	18062	04	pr.prpr.pR	phr.r.pr.r.rr.
Hartland Point	703	01092	07		
Mount Batten	827	04081	07	pr.pR	pr.pr
St.Mawgan	817	02071	06	pr	pr
Scilly	804	03091	07	pr	pr
Culdrose	809	03072	07	pr.pr	pr.
Guernsey	894	06082	07	ph.r.pr.phr	phrprpr.pr
Elmdon	534	01031	01	rr.	r.r
Cardington	559	01031	51	+	r.r
Wittering	462	02021	50	+	r.rr.f
Watnall	354	07032	51	r.	r.rrRff
Shawbury	414	01041	02	pr.r.r.	r.d.d.r.d.r.
Finningley	360	13042	04	rrr.ffd.r.	ffdrr.rrR
Spurn Point	396			r.r.	r.r.
Leeming	257	00521	51	Fff	f
Tynemouth	262	01041	02	+	pr.pr
Carlisle	222	92021	51	+	drd.r.pr.
Valley	302	95061	04	+	irir.
Ringway	334	06042	03	ir.	r.r.dd.r.rr
Squires Gate	318	02051	04	rr.r.d.r.	r.r.
Ronaldsway	204	97041	02	r.	+
Mull of Galloway	131	00051			
Eskdalemuir	162	01031	51	pr.	pr.pr
Prestwick	135	00011	54	+	+
Abbotsinch	140	92001	53	jfir.	ir.pr.
Leuchars	171	04051	04	pr.r.R	Rr.pr.
Dyce	091	01031	50	prpr.	+
Lerwick	005	03031	01	r.r.	pr.
Wick	075	14032	02	pr.pr	pRpr.
Sule Skerry	010	93052	05		
Cape Wrath	049	95052	05	+	pr.ir.
Stornoway	026	97071	05	+	pr.
Berbecula	022	97061	03	+	pr.
Tiree	100	00041	52	+	+
Aldergrove	917	01022	51	+	d.Rd.r.
Malin	980	9704	01		
Belmullet	976	9202	51		
Birr	965	0203	51		
Dublin	969	0304	02		
Shannon	962	0302	00		
Roches Point	952	9105	03		
Valentia	953	0203	00		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	15001	72914	97026	07706	75500	00243	/////	/////	05205	10723	3//06	30/09
	99571	70205	15004	60420	97278	98307	58431	41329	84815	84625	0//03	11034	30404	33808
	99660	10022	15004	80623	97158	99301	894//	00211	/////	/////	0//54	10638	30505	/////
	99460	70145	15004	82631	97038	03813	3855/	22804	81820	83630	0//11	11320	31114	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	15061	72914	98022	14705	72500	00241	/////	/////	05205	10699	3//08	/////
	99572	70203	15064	60432	97808	02107	684//	11223	83815	84630	0//02	11045	30505	01807
	99660	10019	15064	70513	97268	00802	78400	00208	/////	/////	0//54	10645	30303	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42758

Date of Issue SATURDAY 16 DECEMBER 1978

OBSERVATIONS at 12h. 15 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62813	82018	85309	38402	06218	81813	83642	85075
Hurn	862	62611	81018	86210	58502	06216	83823	84640	
Manston	797	72011	60802	85809	59563	07003	83920	86075	
Gatwick	776	72512	80021	85209	784//	07104	83818	87640	
Kew	775	72306	65608	84509	754//	07107	85712	87630	
Heathrow	772	72308	75218	84309	754//	07111	81712	85614	87618
Honington	586	80805	20616	85105	854//	05106	87710	88620	
Wattisham	590	71207	38216	85207	6547/	07004	82712	85650	87359
Gorleston	497	80905	60606	86307	855//	06205	88625		
Aberporth	502	70113	59608	86307	754//	06221	81710	85712	87625
Filton	628	72805	58056	85508	755//	06123	87628		
Rhoose	715	72906	60028	85608	6843/	06219	81815	86635	
Hartland Point	703	73209	83808	86308	795//	06227	87920		
Mount Batten	827	42612	70018	87310	23402	07112	81918		
St.Mawgan	817	72813	80038	87410	784//	07013	85812	84625	
Scilly	804	43013	75018	89510	28431	07214	82818		
Culdrose	809	52710	70158	88309	59301	07014	81708	83912	
Guernsey	894	72528	65258	88810	69463	07302	84815	83918	85070
Elmdon	534	70208	56045	85406	763//	04221	83706	86708	87710
Cardington	559	80102	15516	84506	870//	06209	85701	88705	
Wittering	462	80202	05606	85304	860//	04211	88701		
Watnall	354	80311	16616	85605	871//	05214	88702		
Shawbury	414	83510	50216	86605	5542/	04126	81710	85618	88460
Finningley	360	80309	63616	86805	854//	04219	85712	88625	
Spurn Point	396	80719	60616	87006	854//	05219	85715	88625	
Leeming	257	70310	65018	89306	5857/	05122	81820	85624	87460
Tynemouth	262	70926	69278	91107	3357/	04227	83925	87358	
Carlisle	222	50509	67028	91007	58400	04124	81711	83640	
Valley	302	70312	68026	88308	785//	05128	85820	87628	
Ringway	334	80309	75216	87406	854//	03124	88614		
Squires Gate	318	50309	62016	88607	38431	04126	81818	83630	
Ronaldsway	204	10413	70011	89907	18400	04123	81818		
Mull of Galloway	131	20618	82011	90907	20930	04232	82359		
Eskdalemuir	162	50210	70018	92204	48401	02227	81714	83818	
Prestwick	135	10409	60041	93206	18430	04332	81816		
Abbotsinch	140	60504	75028	93806	58402	04133	81816	83820	
Leuchars	171	70311	66028	94306	784//	03225	82712	85818	
Dyce	091	80107	40818	95605	883//	04125	81708	86814	88645
Lerwick	005	83616	70278	98503	884//	51122	84818	88630	
Wick	075	80411	65626	97705	6542/	03227	81712	83616	86640
Sule Skerry	010	50219	70158	98607	5847/	05227	84810		
Cape Wrath	049	70719	70016	97705	784//	04234	84815	87620	
Stornoway	026	70618	65808	98307	784//	05231	85812	87635	
Benbecula	022	70318	60808	97206	794//	05229	84910	85815	
Tiree	100	10411	85020	95507	18540	05231	81820		
Aldergrove	917	30608	70016	92206	38400	04231	82715		
Malin	980	30623	82031	93808	28542	04232	82820		
Belmullet	976	60409	76038	93108	635//	06232	82820	85640	81920
Birr	965	80000	56102	91305	864//	04120	87710	85630	
Dublin	969	73403	65028	90007	785//	05225	83820	87630	
Shannon	962	23504	65101	91405	28502	04122	81820		
Roches Point	952	13311	50101	90006	13402	04120	81919		
Valentia	953	10510	82021	91107	11500	04224	81822		

OBSERVATIONS at 18h. 15 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83206	60028	88907	853//	05219	86706	88625	
Hurn	862	53106	70011	88907	25630	05218	82630	85357	
Manston	797	62308	70018	87807	584/1	06218	82812	84650	
Gatwick	776	80000	62212	88607	854//	07218	81711	84616	88645
Kew	775	73402	58056	88607	754//	06223	85712	87640	
Heathrow	772	73404	57028	88208	753//	06221	81709	83618	87645
Honington	586	80308	45616	88106	852//	06222	82704	86624	88643
Wattisham	590	80307	40216	87706	852//	06222	82704	84709	88612
Gorleston	497	60310	66256	88208	655//	04213	86625		
Aberporth	502	80317	64806	91207	884//	04226	86814	88635	
Filton	628	83606	50052	89806	853//	04223	85709	88614	
Rhoose	715	70106	60022	89806	754//	04227	84712	87638	
Hartland Point	703	83618	74038	89009	884//	07218	83815	88625	
Mount Batten	827	13105	45041	89408	15600	06216	81640		
St.Mawgan	817	63408	80028	89807	684//	06216	82710	84813	
Scilly	804	33606	81018	91508	32470	06218	83816		
Culdrose	809	33308	58058	90207	38500	06214	82820		
Guernsey	894	72913	75808	90009	793/3	07110	81709	84815	85920
Elmdon	534	80210	30586	89605	872//	05226	88703		
Cardington	559	83505	25516	88806	872//	05225	85703	88706	
Wittering	462	80408	16616	89406	860//	05227	84701	88702	
Watnall	354	80315	30616	90605	872//	05233	84705	88708	
Shawbury	414	80110	56606	91405	853//	04231	83708	86612	88645
Finningley	360	80207	56636	91606	853//	05229	83707	85710	88620
Spurn Point	396	80524	60026	91307	854//	05228	86715	88625	
Leeming	257	80207	65038	95105	885//	03330	81820	88645	
Tynemouth	262	80923	69028	96307	835//	04231	84925	88630	
Carlisle	222	60407	68018	97005	684//	03235	82710	86640	
Valley	302	40418	75258	93807	38530	04233	81825		
Ringway	334	70518	65026	92506	755//	03231	82620	87645	
Squires Gate	318	30209	70016	94205	25630	02235	82640		
Ronaldsway	204	10312	62021	96005	18500	03233	81820		
Mull of Galloway	131	20517	82010	96806	25600	03234	82630		
Eskdalemuir	162	33608	75258	97703	38400	01227	81818	83635	
Prestwick	135	60608	60048	98805	654//	03231	81617	86626	
Abbotsinch	140	60306	75011	99006	684//	03228	81818	86630	
Leuchars	171	70106	62258	99405	783//	04227	82707	84818	86630
Dyce	091	73105	57058	00204	7843/	03224	81710	85818	87360
Lerwick	005	83616	80028	02602	884//	53321	83815	88632	
Wick	075	70113	84026	02404	755//	51227	81620	87640	
Sule Skerry	010	63602	66028	03807	684//	03229	82810	85630	
Cape Wrath	049	70519	82028	03105	755//	02225	87625		
Stornoway	026	60317	84028	03906	68400	02131	83817	84645	
Benbecula	022	20315	82028	03205	28400	02233	81818		
Tiree	100	60315	84030	00806	585/2	04230	81820	85645	
Aldergrove	917	10611	64011	98205	15500	03233	81625		
Malin	980	10515	82010	99608	18500	06232	81820		
Belmullet	976	20411	76021	97007	28500	04214	81820		
Birr	965	10207	56101	96905	15600	03235	81634		
Dublin	969	70316	70038	95607	785//	03234	85820	83630	
Shannon	962	30207	62101	96806	35400	04236	81715	83625	
Roches Point	952	13414	62010	94905	15400	04231	81713		
Valentia	953	80314	70021	96408	885//	04331	83820	88630	

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97101	013	pr.	prd.
Hurn	862	00111	023	+	+
Manston	797	92101	011	pr.	r.
Gatwick	776	91101	007	+	rd.
Kew	775	95091	002	pr.r.	r.
Heathrow	772	01091	007	pr.rd.r	+
Honington	586	08071	000	r.rrR	r.r.rr
Wattisham	590	04082	000	r.r	r.fd.r.r
Gorleston	497		000		
Aberporth	502	91081	000	pr.ir.	pr.
Filton	628	00081	004	jp	+
Rhoose	715	91091	004	pr.r.	+
Hartland Point	703	97101	000		
Mount Batten	827	97111	018	+	pr.
St.Mawgan	817	92101	016	pr.	pr.
Scilly	804	97111	008	pr.	+
Culdrose	809	93101	017	pr.	+
Guernsey	894	04111	008	prpr.	prpr.
Elmdon	534	01061	000	d.-r.	r.rd.-d.r.
Cardington	559	05071	000	r.rrdrdrdd	d.d.rrr.r.
Wittering	462	02061	000	rd.r.r.r.ff	r.r.ffrr.
Watnall	354	13052	000	Rrr.r.	r.rrr.rr.
Shawbury	414	04061	000	rr.r.	r.r.
Finningley	360	15061	000	rrr.r.	rrr.
Spurn Point	396			r.r.	r.r.
Leeming	257	92071	000	pr.	pr.
Tynemouth	262	01081	000	phspr	pr
Carlisle	222	97071	005	pr.	pr.
Valley	302	97081	003	pr.	pr.
Ringway	334	01071	000	rrr.r.d.	r.
Squires Gate	318	97071	000	r.	r.
Ronaldsway	204	00081	037	+	+
Mull of Galloway	131	00071			
Eskdalemuir	162	02051	014	pr.pr	pr.pr
Prestwick	135	97071	041	pr.	+
Abbotsinch	140	97071	006	pr.	pr.
Leuchars	171	02071	005	pr.	pr
Dyce	091	02051	000	pr.pr	pr.prr.ir.
Lerwick	005	93041	001	ph.	pr.
Wick	075	02061	000	pr.r.r.irir.	+
Sule Skerry	010	93071			
Cape Wrath	049	02091	000	ir.pr.	pr.
Stornoway	026	03071	000	pr.pr	pr.
Benbecula	022	03071	000	prpr.	pr.
Tiree	100	00071	051	+	jp
Aldergrove	917	92072	032	+	pr.
Malin	980	0008	038		
Belmullet	976	0109	019		
Birr	965	9706	002		
Dublin	969	9708	007		
Shannon	962	9707	024		
Roches Point	952	9707	065		
Valentia	953	9708	059		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

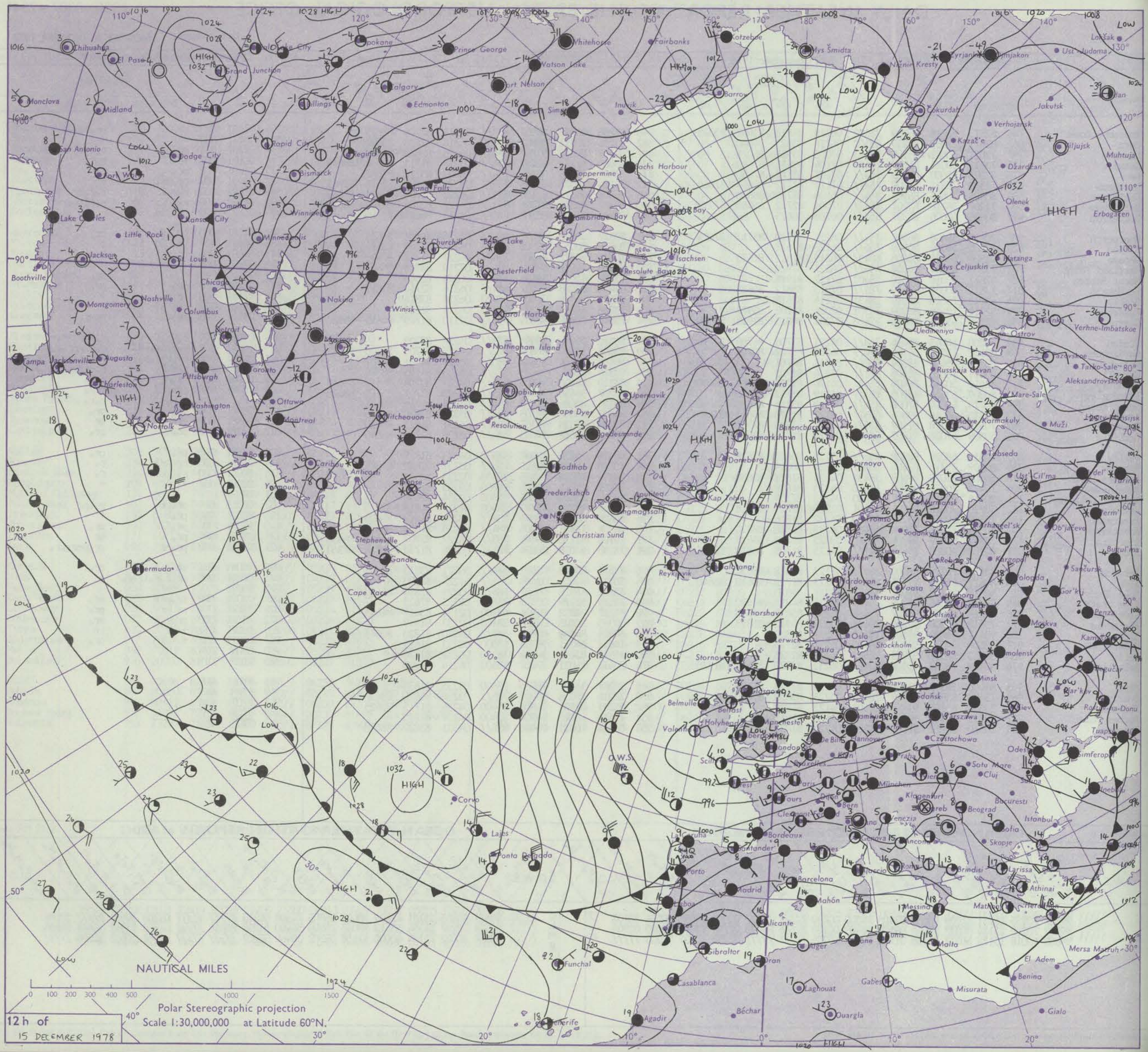
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	15121	72909	98038	22405	74500	00230	/////	/////	05303	10685	30504	30108
	99573	70202	15124	30318	98018	09408	38400	00238	81816	83635	0//01	11043	30503	02908
	99660	10018	15124	60312	97158	01702	69400	00205	/////	/////	0//52	10637	30203	/////

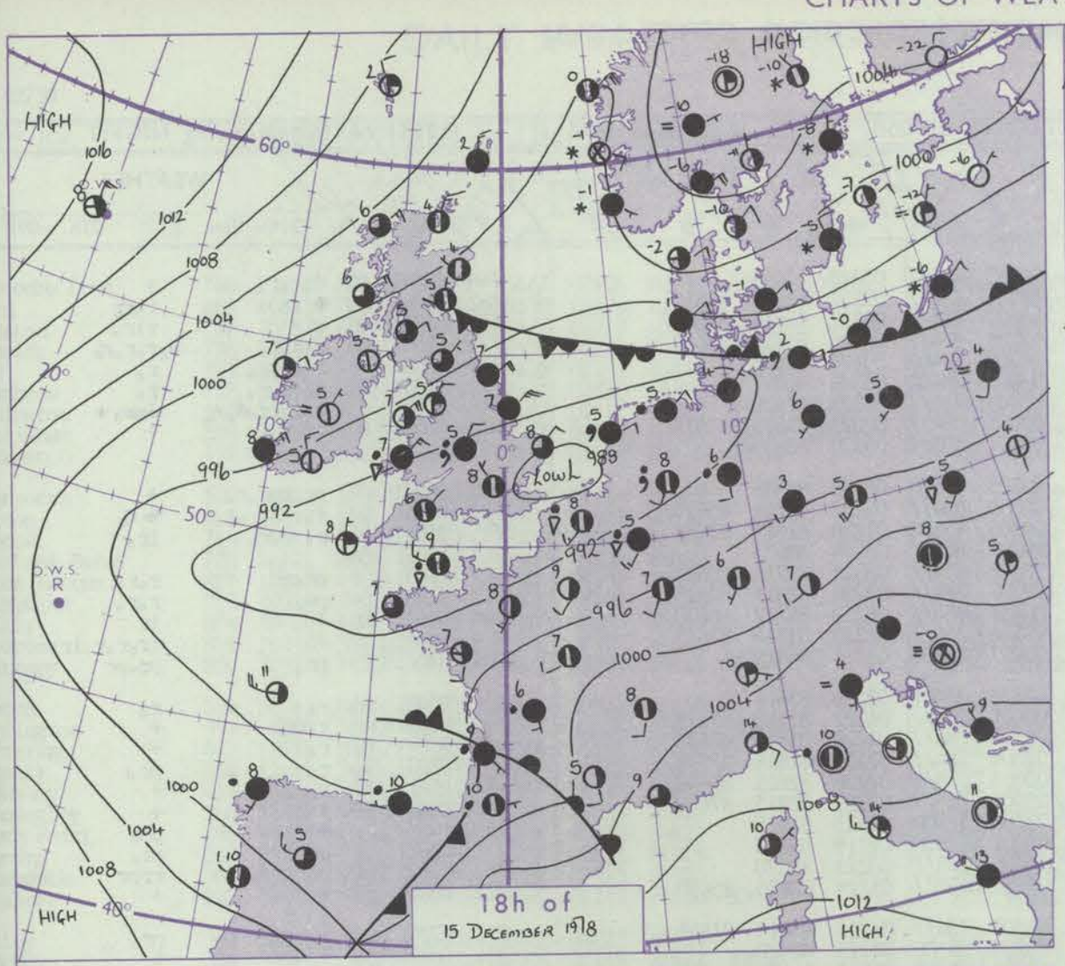
OCEAN WEATHER STATION REPORTS at 18h.

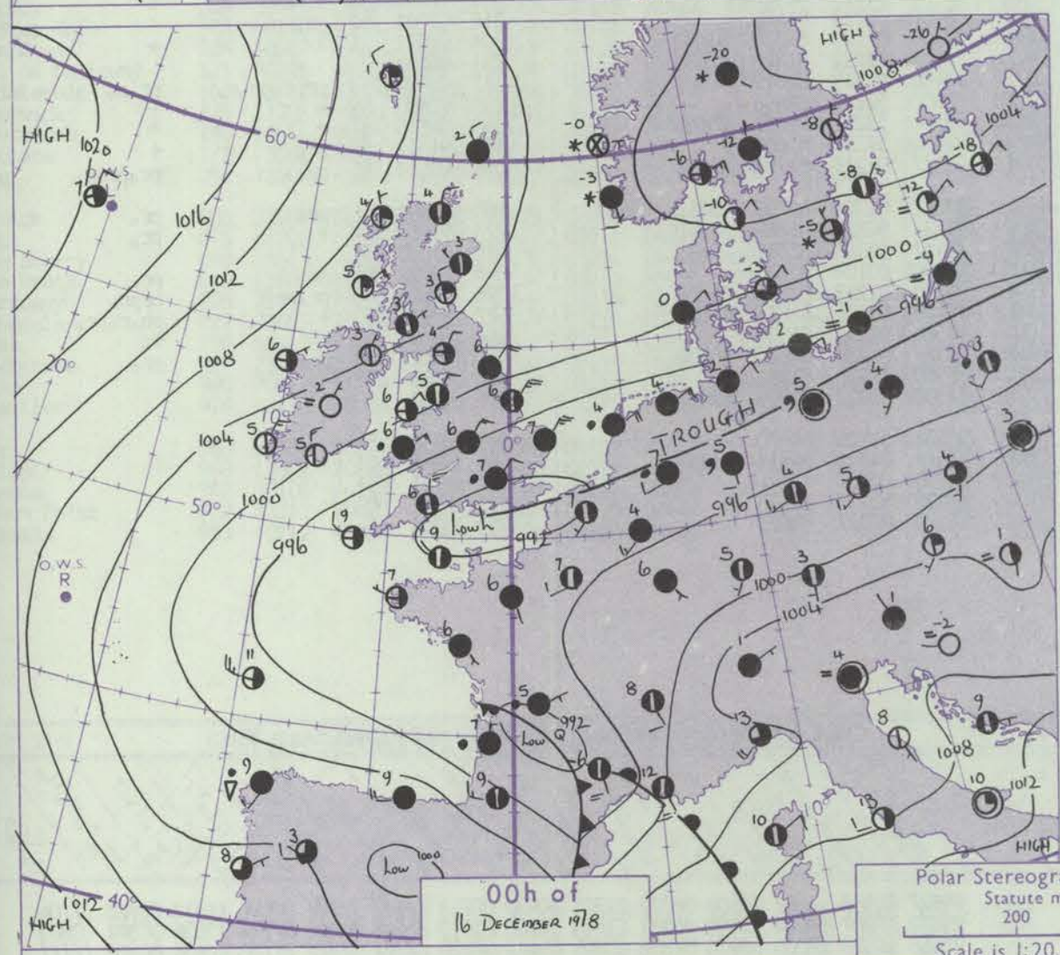
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	15181	72604	98028	25805	74500	00215	/////	/////	05203	10686	3////	28006
	99571	70207	15184	53613	98018	15208	54400	51230	85618	/////	0//03	11042	30403	03806
	99656	10022	15184	60000	97158	02502	39460	32207	/////	/////	0//51	10655	30000	/////

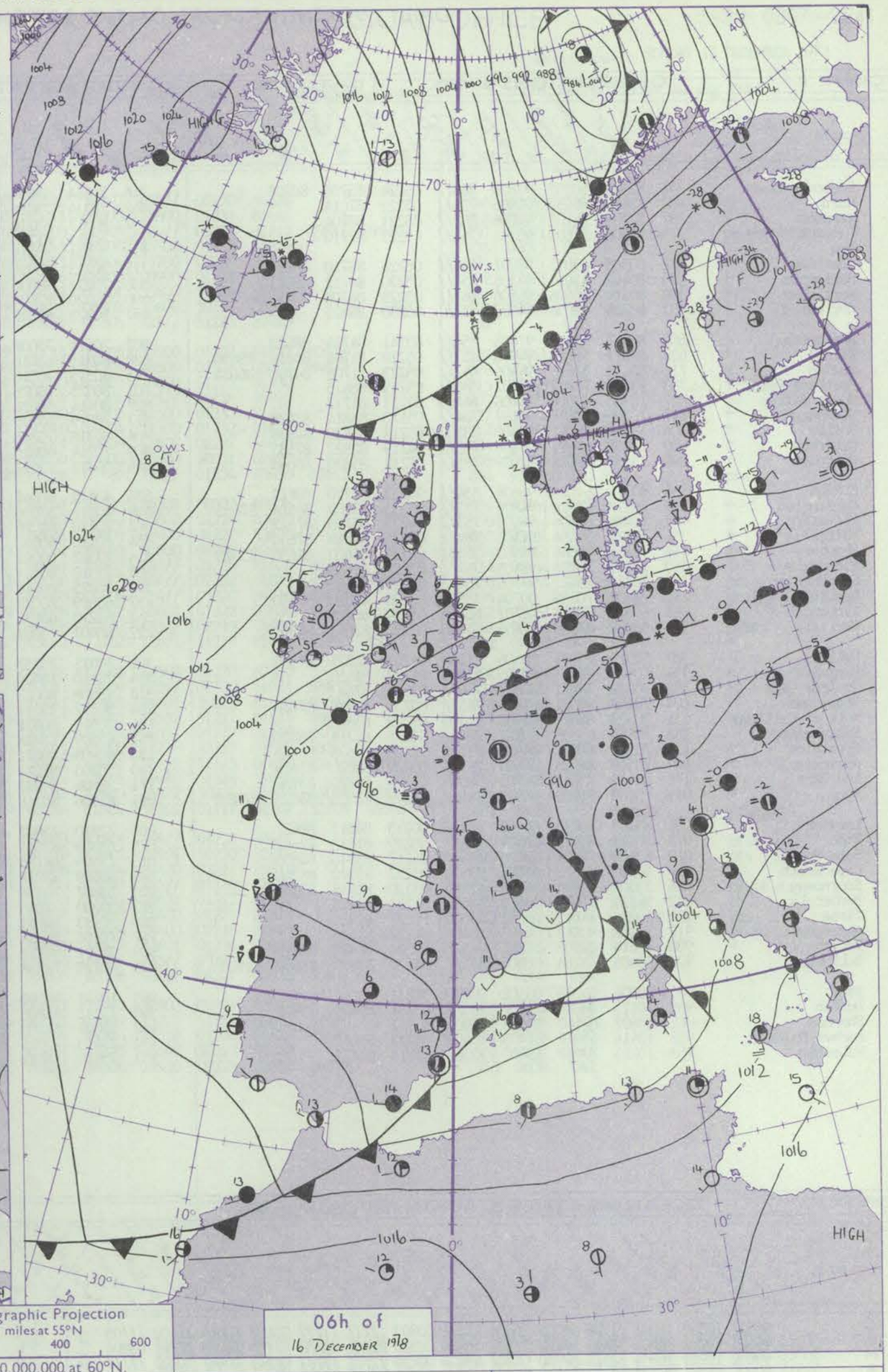
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday SATURDAY 16 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

A complex low over England with an occluded trough to the southern Baltic has moved slowly southeast to northern France and the low Countries and has filled slightly. A wave off northwest Spain deepened and moved rather quickly northeast into southern France where it has become absorbed in the general cyclonic circulation there.

During the next 24 hours the low over France will move to the northern Adriatic and an anticyclone northwest of Azores will move rather quickly northeast with an associated ridge to Iceland. A cold northeasterly airstream will become established across the British Isles.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

Code FM 11.V

OBSERVATIONS at 00h. 16 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80106	50055	93806	863//	05224	85706	88708	
Hurn	862	73407	65032	93306	754//	05222	87614		
Manston	797	82704	56102	92206	862//	05221	88704		
Gatwick	776	73302	57105	93106	764//	05223	87710		
Kew									
Heathrow	772	80308	59605	93207	854//	06226	82710	88623	
Honington	586	80412	65016	94206	854//	05230	84712	88622	
Wattisham	590	80314	60606	93506	863//	05228	86708	88712	
Gorleston	497	80325	66256	94007	855//	05230	88625		
Aberporth	502	80517	62618	97406	854//	03241	84714	88620	
Filton	628	80511	59216	94706	853//	05228	81708	85616	88630
Rhoose	715	80411	57616	94406	853//	05223	81706	84708	86614
Hartland Point	703	83420	70022	93707	885//	05219	88625		
Mount Batten	827	10305	60018	93706	14400	04221	81712		
St.Mawgan	817	70308	70028	94107	784//	05120	83814	87628	
Scilly	804	53011	81011	95509	58500	05218	83820	84628	
Culdrose	809	70208	60021	94206	785//	04219	82822	87635	
Guernsey	894	73209	80028	92009	785//	07212	85820	86640	
Elmdon	534	80314	64026	96606	854//	03233	82710	88612	
Cardington	559	70313	62026	94806	753//	05233	83709	84618	87635
Wittering	462	70416	62606	96005	753//	04233	85708	87622	
Watnall	354	70214	56056	97505	784//	03231	81818	87640	
Shawbury	414	53408	59046	98503	35531	01239	81620	83650	85075
Finningley	360	73608	75026	98405	757//	03227	87650		
Spurn Point	396	70324	65022	97706	756//	03226	87630		
Leeming	257	73609	70258	00704	785//	03126	82820	87650	
Tynemouth	262	60516	81028	01707	655//	03224	86625		
Carlisle	222	50208	67038	02604	25630	03227	82645	84360	
Valley	302	50312	75031	00606	21530	04233	82825	84359	
Ringway	334	10413	65011	99205	15700	01229	81650		
Squires Gate	318	70211	70021	00805	756//	03234	87643		
Ronaldsway	204	70109	80021	02605	785//	03235	81820	87650	
Mull of Galloway	131	30321	80020	02905	35600	03229	83640		
Eskdalemuir	162	70114	63808	03202	784//	01225	82711	86820	
Prestwick	135	70505	60041	04403	755//	02226	82628	86645	
Abbotsinch	140	70510	80038	04606	785//	00229	82820	87629	
Leuchars	171	33410	75011	04803	38500	01225	81820	83650	
Dyce	091	73107	80258	04903	784//	01222	81816	83625	87650
Lerwick	005	83408	80038	06102	884//	00213	84815	88637	
Wick	075	70111	81022	06504	756//	00219	81630	87642	
Sule Skerry	010	63509	74808	07405	684//	04217	83810	84630	
Cape Wrath	049	50505	83022	07804	33570	03222	83920	85360	
Stornoway	026	33507	82038	08804	12430	03220	81818	83365	
Berbecula	022	10211	82020	08603	18400	01221	81818		
Tiree	100	30316	84011	06805	38500	50227	81820		
Aldergrove	917	10107	80018	04303	15400	01227	81618		
Malin	980	70614	80808	05307	785//	04224	86820	83645	
Belmullet	976	50405	78258	06006	535//	04230	83820	83640	81920
Birr	965	00204	40100	03502	00900	01231			
Dublin	969	70113	80028	02107	785//	03231	85820	85635	
Shannon	962	03607	62100	04003	00900	02332			
Roches Point	952	13414	65020	01405	15600	03233	81640		
Valentia	953	10214	70021	03905	12500	03213	81822		

OBSERVATIONS at 06h. 16 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70314	59056	98805	756//	03229	87645		
Hurn	862	70214	75016	97506	755//	03227	83625	87650	
Manston	797	80317	65216	95807	884//	04222	83814	88640	
Gatwick	776	80311	61216	97207	854//	04326	85712	88615	
Kew	775	20211	60016	98305	25400	03125	81618		
Heathrow	772	20113	60016	98005	28400	03226	81817		
Honington	586	70212	70036	99005	755//	02325	87620		
Wattisham	590	70320	62036	98405	754//	02222	81615	87624	
Gorleston	497	80328	62026	99107	855//	03330	88625		
Aberporth	502	20414	75036	03705	28400	02235	82818		
Filton	628	60315	65016	00505	654//	03231	82712	86620	
Rhoose	715	40315	70016	00505	45500	01236	82625	83656	
Hartland Point	703	80325	70026	99307	845//	03234	88625		
Mount Batten	827	80414	58616	98407	854//	05327	83716	88622	
St.Mawgan	817	70319	65216	99307	784//	03234	82814	87625	
Scilly	804	80318	70216	00107	854//	06230	84712	88620	
Culdrose	809	70214	60616	99106	754//	05333	83714	87640	
Guernsey	894	50312	75012	95007	58400	05214	84818		
Elmdon	534	43611	60041	02103	35401	02228	83614		
Cardington	559	70211	57056	00005	754//	04227	81710	87645	
Wittering	462	70110	81026	01005	784//	03226	85810	87620	
Watnall	354	70110	60052	02304	784//	02221	82814	87645	
Shawbury	414	73512	60041	03303	755//	02226	82625	87640	
Finningley	360	73510	80021	03004	785//	02225	82825	87650	
Spurn Point	396	10325	66018	02006	11500	01223	81825		
Leeming	257	63609	70028	05003	65600	01119	86630		
Tynemouth	262	83210	69636	05504	855//	03221	88620		
Carlisle	222	60407	75031	07102	656//	01224	82635	85650	
Valley	302	70311	75252	05506	784//	01226	85818	87635	
Ringway	334	20110	75030	04204	28500	01225	82820		
Squires Gate	318	13608	70028	05403	15700	01223	81656		
Ronaldsway	204	30112	75011	06805	38500	02225	81820	83650	
Mull of Galloway	131	70519	80021	07005	785//	02222	81820	87635	
Eskdalemuir	162	43509	75028	07601	48400	51319	82819		
Prestwick	135	40408	70011	08301	45600	51219	84645		
Abbotsinch	140	50305	82021	08502	55500	53220	81622	85645	
Leuchars	171	52806	84031	08101	55700	51218	85650		
Dyce	091	63006	80268	07802	683//	01217	81708	86650	
Lerwick	005	72810	75802	07302	783//	01206	83709	83812	85619
Wick	075	63305	82011	08901	6853/	50210	81820	86640	
Sule Skerry	010	73509	66158	09305	784//	05305	82810	87630	
Cape Wrath	049	53609	83018	10003	55500	03104	85625		
Stornoway	026	53007	70158	11205	38430	02213	82815	84364	
Berbecula	022	30209	82018	11602	38400	01116	81815	83630	
Tiree	100	30113	84011	10605	38500	01218	81820		
Aldergrove	917	70106	80028	08802	755//	01224	84620	86636	
Malin	980	30321	84018	10207	38500	51226	81821		
Belmullet	976	40115	78258	10707	43500	03227	84920	~~82920~~	
Birr	965	10201	40100	08600	00902	51226	81070		
Dublin	969	73512	65808	07605	734//	04328	84917	83640	
Shannon	962	03607	62100	09302	00900	00227			
Roches Point	952	23415	75011	07005	25600	03229	82638		
Valentia	953	30610	75011	09405	32500	03227	83823		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	92041	02	d.r.r.	+
Hurn	862	91041	03	~~r~~ r.	r.r.
Manston	797	01051	03	r.r	rir.
Gatwick	776	92051	03	r.d.r.	d.r.r.r.
Kew	775	93051	02	r.r.rr.	r.
Heathrow	772	92051	02	d.-r.r.	r.
Honington	586	01051	03	r.r.rr.d.r.	~~d.r.~~ +
Wattisham	590	01041	03	rr.r.	+
Gorleston	497				
Aberporth	502	05051	02	pr.rrr.r.	+
Filton	628	01041	02	d.-r.rr.	~~r~~ r.
Rhoose	715	01041	02	r.-r.r.	ir.
Hartland Point	703	92061	04		
Mount Batten	827	01051	01	pr.pr	r.r.
St.Mawgan	817	97051	04	pr.	r.r.
Scilly	804	01071	06	+	ir
Culdrose	809	92051	02	+	ir.r.r.ir.
Guernsey	894	03072	05	pr.	pr.pr
Elmdon	534	97031	01	r.	r.
Cardington	559	97051	03	r.ir.	+
Wittering	462	91041	02	r.	+
Watnall	354	93031	50	r.	pr.
Shawbury	414	91011	51	r.r.	+
Finningley	360	00031	00	+	+
Spurn Point	396			+	ph.
Leeming	257	01021	51	pr.	pr.
Tynemouth	262	01041	01	pr	rrpr
Carlisle	222	00010	53	+	+
Valley	302	97041	01	+	pr.
Ringway	334	00031	51	+	+
Squires Gate	318	97021	52	pr.	+
Ronaldsway	204	00021	51	+	+
Mull of Galloway	131	00031			
Eskdalemuir	162	02501	53	prpr.pr.s.	pr.s.
Prestwick	135	00503	56	+	+
Abbotsinch	140	00503	57	+	+
Leuchars	171	91511	53	pr.	+
Dyce	091	01011	51	pr.	pr.pr.s.
Lerwick	005	93001	51	pr.	pr.
Wick	075	91001	51	+	pr.
Sule Skerry	010	97031	01		
Cape Wrath	049	01022	01	pr.	pr.
Stornoway	026	02021	00	pr.pr	prpr.
Berbecula	022	93011	53	+	ph.r.pr.
Tiree	100	00021	51	jp	+
Aldergrove	917	97011	53	pr.	pr.
Malin	980	9606	03		
Belmullet	976	0303	50		
Birr	965	9750	54		
Dublin	969	9204	01		
Shannon	962	9701	51		
Roches Point	952	0004	02		
Valentia	953	0004	51		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	16001	71708	98032	26006	21531	00803	/////	/////	05103	10684	3//02	///05
	99571	70207	16004	53611	98038	19207	58400	00315	81816	84635	0//03	11029	30201	03806
	99652	10029	16004	62714	97848	01802	69400	00710	/////	/////	0//01	10657	30202	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	16061	71608	98022	22707	70930	00713	/////	/////	00006	10713	3//02	///04
	99570	70207	16064	53609	98251	21708	58400	21313	81818	85645	0//51	11036	30301	03805
	99650	10029	16064	83426	97838	03801	894//	00220	/////	/////	0//53	10652	30505	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42759

Date of Issue SUNDAY 17 DECEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 16 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	73613	75021	05105	754//	02126	82712	85614	87620
Hurn	862	40115	70011	04307	38530	02128	81820		
Manston	797	70418	65272	02006	784//	03227	83814	87650	
Gatwick	776	50310	68031	03307	58530	02225	83820	83656	
Kew	775	20214	65011	03907	28400	02123	81818		
Heathrow	772	20116	66011	03607	18531	03123	81820		
Honington	586	70113	62252	04505	784//	02122	81815	85627	86645
Wattisham	590	70318	65258	04205	784//	02226	83815	83630	87650
Gorleston	497	70224	62258	03607	785//	01224	83820	87630	
Aberporth	502	10215	75010	09306	11500	01124	81822		
Filton	628	30312	62011	06405	31400	02123	83818		
Rhoose	715	10311	68021	06906	18500	01123	81822		
Hartland Point	703	40121	69011	06206	42500	03126	84820		
Mount Batten	827	10316	65026	05807	12500	02132	81825		
St.Mawgan	817	10316	80011	06607	14500	01129	81820		
Scilly	804	50418	62022	07308	52500	03233	85820		
Culdrose	809	20318	59056	06206	28500	02127	81820		
Guernsey	894	70324	72028	01607	784//	04239	85815	87645	
Elmdon	534	10113	66016	07605	15600	50124	81630		
Cardington	559	70210	58258	05505	785//	03124	81820	87645	
Wittering	462	10113	63011	06105	18500	01121	81820		
Watnall	354	13611	56058	07505	15600	01121	81630		
Shawbury	414	23311	56041	08604	25600	02118	82635		
Finningley	360	13312	65011	07605	18530	02116	81822		
Spurn Point	396	40123	67031	07006	42500	02122	84825		
Leeming	257	23412	75018	08804	28400	02011	81815		
Tynemouth	262	53209	69908	08904	53530	02213	85920		
Carlisle	222	33002	70011	10703	38500	01118	81820	83640	
Valley	302	50112	75808	10608	58442	04222	84818		
Ringway	334	33412	57040	09105	38500	01118	81822	83650	
Squires Gate	318	40110	65030	09805	38540	02216	81825	83645	
Ronaldsway	204	10207	84020	11605	18501	01110	81825		
Mull of Galloway	131	30120	84011	11805	12548	01222	81820	83275	
Eskdalemuir	162	23611	83020	11102	00902	51013	82075		
Prestwick	135	71902	59041	12103	15642	51115	81635	87070	
Abbotsinch	140	53004	80031	12103	10941	52112	81360	85078	
Leuchars	171	73008	88031	11103	78532	51111	81820	87650	
Dyce	091	72909	75268	10303	783//	02010	81707	83645	87656
Lerwick	005	33209	81158	08302	29401	50206	81914		
Wick	075	83208	65808	11103	6247/	03211	84710	83815	88359
Sule Skerry	010	63513	74158	11705	4343/	03214	84810	81910	85359
Cape Wrath	049	73607	80258	12304	5357/	03210	85920	87360	
Stornoway	026	73614	70258	14004	5343/	03216	82915	83818	85360
Berbecula	022	73609	75808	14704	783//	03218	82706	84813	86635
Tiree	100	63415	89151	13806	5943/	03213	82915	83820	85360
Aldergrove	917	23606	82021	13003	18542	00119	81820		
Malin	980	70312	75258	14007	73532	02216	84920	83640	
Belmullet	976	60110	80258	15707	535/1	04222	84920	83637	
Birr	965	33506	56101	14004	25602	04127	82635		
Dublin	969	13502	70038	12006	18500	02120	81825		
Shannon	962	30106	74258	14504	385//	03226	81824	83632	
Roches Point	952	13212	70020	12505	15600	03125	81640		
Valentia	953	40712	68258	14407	42500	04123	84822		

OBSERVATIONS at 18h. 16 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	63608	65022	10403	655//	00130	86626		
Hurn	862	13405	65011	09603	15600	01231	81640		
Manston	797	70118	58808	06905	784//	03228	81712	85815	87650
Gatwick	776	40110	62011	08605	45500	01232	84626		
Kew	775	10110	70011	09104	15700	00229	81650		
Heathrow	772	03613	65016	08805	00900	01228			
Honington	586	23406	64011	09001	25600	51226	82632		
Wattisham	590	33609	65038	08902	35600	50227	83630		
Gorleston	497	70318	66031	08306	725//	51225	87825		
Aberporth	502	30119	80011	12405	38500	01222	81822	83635	
Filton	628	60308	58051	11104	68500	01227	83820	84635	
Rhoose	715	13507	68010	11803	15600	51225	81630		
Hartland Point	703	50112	69031	11306	525//	00126	85820		
Mount Batten	827	10309	67020	11105	11500	01233	81825		
St.Mawgan	817	10607	80010	11804	11500	01232	81822		
Scilly	804	40417	62011	12208	42500	02227	84820		
Culdrose	809	20408	62050	11803	25500	50231	82628		
Guernsey	894	70222	72028	07107	785//	01234	83820	87645	
Elmdon	534	43510	61041	11503	35501	00223	83625		
Cardington	559	23505	60051	09903	25600	02224	82640		
Wittering	462	33307	58051	10503	35600	01222	83630		
Watnall	354	23310	30051	11003	25600	01220	82630		
Shawbury	414	63506	56041	12202	655//	01220	81625	86650	
Finningley	360	83212	62038	11203	884//	02222	81815	85640	88656
Spurn Point	396	73008	66508	09904	754//	03220	84715	87627	
Leeming	257	73209	70038	12302	55602	01322	85630	84073	
Tynemouth	262	73214	61808	12103	6357/	02219	86920		
Carlisle	222	63102	65011	13702	15631	51219	81645	83360	85075
Valley	302	20108	82028	13604	28500	01220	82820		
Ringway	334	60107	60021	12504	655//	00220	81626	86635	
Squires Gate	318	33606	70011	13403	15601	50223	81635	83070	
Ronaldsway	204	63508	82021	14502	12532	51217	81825	86075	
Mull of Galloway	131	60314	83021	14004	4853/	01217	81820	84625	
Eskdalemuir	162	30000	82011	14200	15730	53219	81650	83365	
Prestwick	135	73506	70022	14402	35632	51115	81630	83650	87070
Abbotsinch	140	22902	84011	14501	15640	51316	81630		
Leuchars	171	73006	84032	13603	55672	50216	81635	85656	86362
Dyce	091	63110	65268	12902	58301	01117	81707	83709	85818
Lerwick	005	83417	60838	11501	894//	01220	88912		
Wick	075	33311	81018	13802	38401	50220	82814		
Sule Skerry	010	43513	74808	14804	32470	03221	83810		
Cape Wrath	049	83605	84258	15203	835//	01320	88920		
Stornoway	026	40111	75028	17203	38431	01322	82817		
Berbecula	022	10211	86028	17603	18400	01221	81818		
Tiree	100	30119	82018	16605	39400	02216	81918		
Aldergrove	917	33508	80011	15602	25601	01216	82640		
Malin	980	50122	80258	16606	535//	03220	85920		
Belmullet	976	73509	72808	18506	6356/	04221	84920	85642	
Birr	965	33101	75011	17402	00902	00221	83070		
Dublin	969	32906	80011	16102	15702	51222	81656	83070	
Shannon	962	43407	82021	17804	35502	02220	83625	83075	
Roches Point	952	73413	80031	16205	15602	50223	81640		
Valentia	953	50112	82021	18106	22530	02224	82822	84359	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00053	006	+	+
Hurn	862	00071	010	+	+
Manston	797	07071	001	pr.phrpr	pr.phrphrslpr
Gatwick	776	00071	011	+	+
Kew	775	00071	011	+	+
Heathrow	772	97071	023	r.	+
Honington	586	97061	027	pr.	+
Wattisham	590	97061	007	pr.	+
Gorleston	497		015		
Aberporth	502	00061	061	+	+
Filton	628	00061	042	+	+
Rhoose	715	00063	053	+	+
Hartland Point	703	00071	022		
Mount Batten	827	00071	053	+	+
St.Mawgan	817	00071	049	+	+
Scilly	804	00091	048	+	+
Culdrose	809	00070	058	+	+
Guernsey	894	91091	001	pr.	pr.
Elmdon	534	00051	045	+	+
Cardington	559	94061	001	pr.	+
Wittering	462	00061	029	+	+
Watnall	354	00051	043	+	+
Shawbury	414	00051	030	+	+
Finningley	360	97051	036	+	pr.
Spurn Point	396			pr.	pr.id.
Leeming	257	97051	017	pr.	pr.
Tynemouth	262	05061	003	prphr	prpr.
Carlisle	222	00053	042	+	+
Valley	302	97081	054	pr.	+
Ringway	334	00051	042	jp	jp
Squires Gate	318	00061	034	+	+
Ronaldsway	204	00061	057	+	+
Mull of Galloway	131	00051			
Eskdalemuir	162	00031	060	+	+
Prestwick	135	00053	046	+	+
Abbotsinch	140	00053	031	+	+
Leuchars	171	00043	003	+	+
Dyce	091	03031	002	pr.s.pr.	pr.s.pr
Lerwick	005	01031	015	ps.	pr.s.
Wick	075	01041	000	prpr.	pr.
Sule Skerry	010	02061			
Cape Wrath	049	01051	002	pr.	pr.pr.s.
Stornoway	026	96051	000	pr.pr	pr.
Berbecula	022	01053	004	pr.s.pr.	pr.
Tiree	100	93071	014	pr.	pr.pr
Aldergrove	917	00053	033	+	+
Malin	980	0108	010		
Belmullet	976	0208	019		
Birr	965	9705	051		
Dublin	969	9206	049		
Shannon	962	9706	042		
Roches Point	952	0007	061		
Valentia	953	9608	042		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

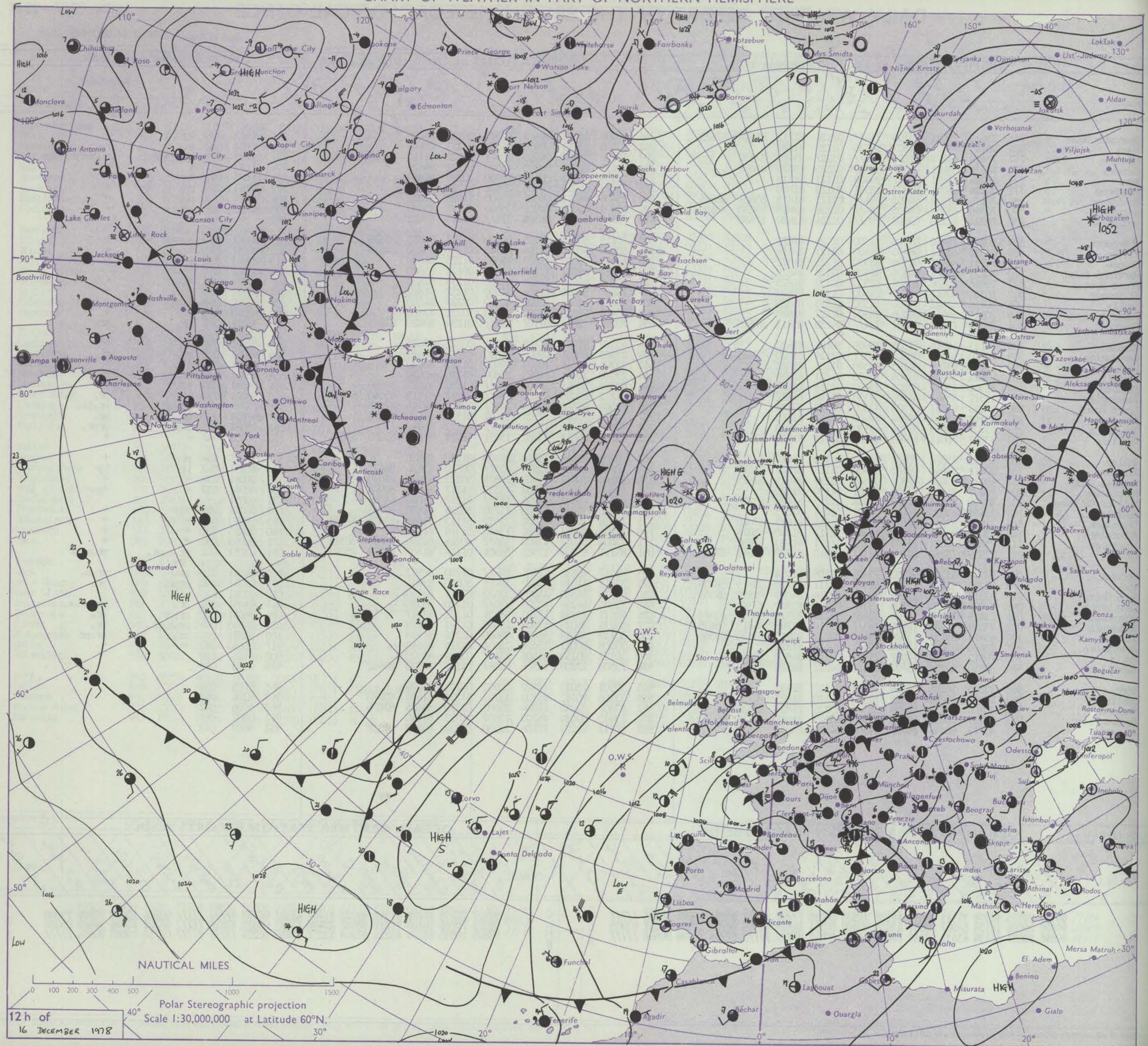
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	16121	71513	98012	19107	78500	00720	/////	/////	00206	10697	30505	/////
CLMR	99570	70206	16124	53007	98031	23708	38402	00314	82818	84075	0//00	11036	30201	03905
CLMR	99646	10034	16124	63632	97268	07050	69400	00222	/////	/////	0//56	10696	30606	/////

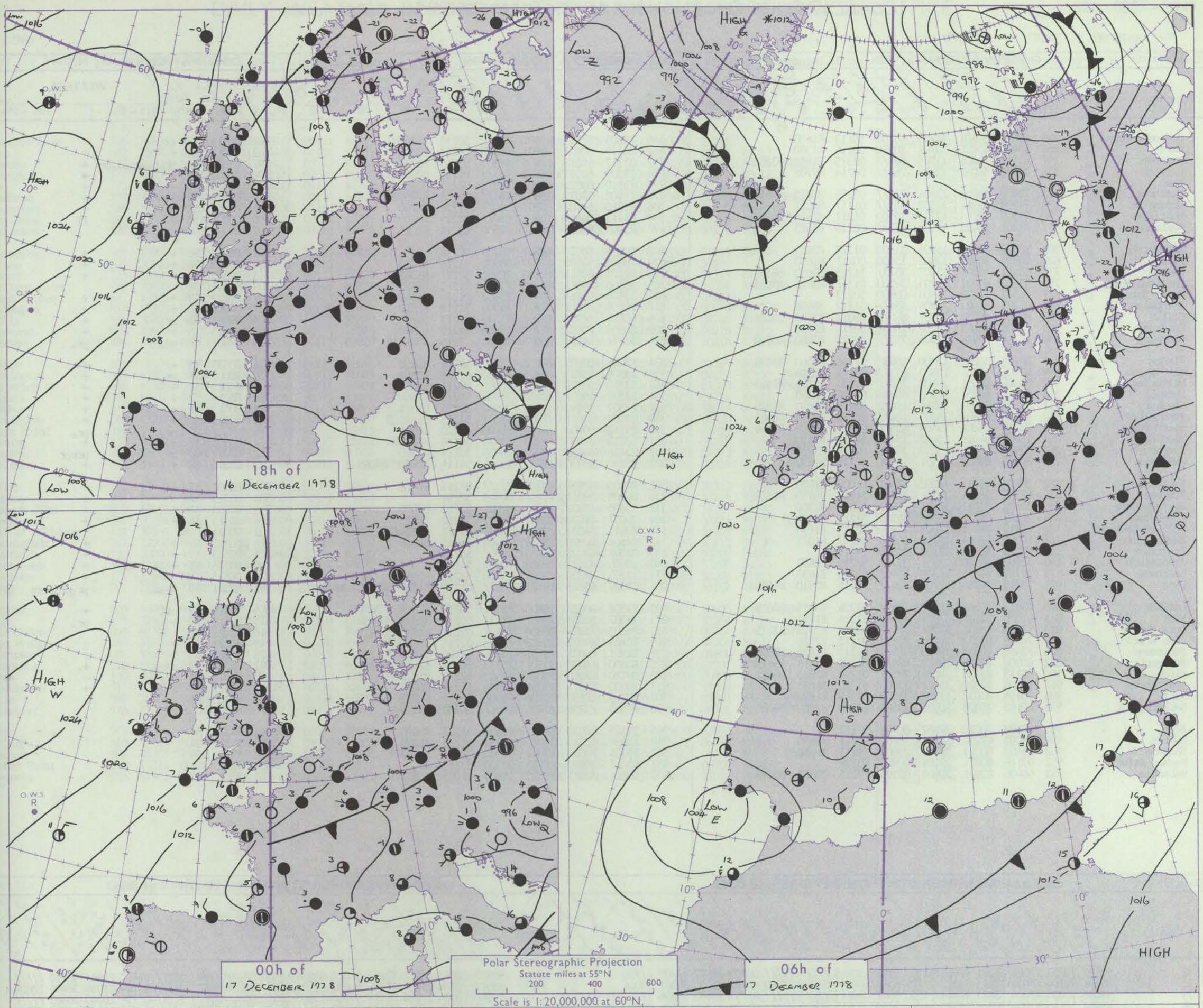
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	16181	81513	98022	11407	4552/	00733	/////	/////	00206	10689	30706	15008
CLMR	99571	70205	16184	72212	98032	22408	756//	00610	87630	/////	0//02	11046	30402	03004
CLMR	99645	10035	16184	43226	97268	12051	39460	00224	/////	/////	0//58	10685	30606	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SUNDAY 17 DECEMBER 1978

During the past 24 hours, a trough lying from north Germany to northwest France has moved away southeastwards. A fresh north to northeast airstream over the British Isles gradually moderated as a ridge of high pressure in mid-Atlantic moved towards northwest Scotland with a high centre developing west of Ireland. A shallow low which developed in the eastern North Sea remained almost stationary and filling.

During the next 24 hours, the ridge of high pressure over northwest Britain is expected to continue moving southeast, with the high centre moving to northwest France. A low moving northeast towards Iceland will lead to a gradual increase in the southwesterly flow over northern districts of the British Isles.

Code FM 11.V

OBSERVATIONS at 00h. 17 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	13608	50101	14200	15701	50113	81650		
Hurn	862	13407	65020	13701	10930	00116	81360		
Manston	797	63513	70808	11305	684//	02315	81812	83818	
Gatwick	776	73406	58041	12803	763//	02216	87708		
Kew									
Heathrow	772	73407	58051	12804	754//	02116	85710	86650	
Honington	586	73209	60261	12502	785//	01117	81825	87645	
Wattisham	590	53309	58011	12701	55500	01217	82625	84645	
Gorleston	497	73206	66022	12203	755//	02216	87625		
Aberporth	502	20309	80011	16004	21500	01215	82825		
Filton	628	10310	60021	14802	15600	00217	81630		
Rhoose	715	63507	68031	15302	3573/	51315	83650	86359	
Hartland Point	703	53610	89021	14705	58500	01217	83825	85635	
Mount Batten	827	00503	70020	14603	00900	50213			
St.Mawgan	817	60205	80021	14904	656//	01212	86638		
Scilly	804	80211	62258	15607	885//	03012	82823	88628	
Culdrose	809	40306	70021	15202	25630	50215	82630		
Guernsey	894	70316	70028	12306	785//	50222	85820	86640	
Elmdon	534	33205	50041	15000	10932	51116	81360	83070	
Cardington	559	83405	50251	13503	873//	02114	88706		
Wittering	462	73508	56051	14102	753//	01220	83706	87620	
Watnall	354	63411	60051	14602	6093/	00116	86360		
Shawbury	414	33308	50101	15850	15632	50217	81630	83360	
Finningley	360	83008	62038	14703	884//	01218	83816	88645	
Spurn Point	396	73218	66808	13403	6357/	02217	86925	87360	
Leeming	257	13009	84018	15402	15700	50112	81650		
Tynemouth	262	32914	69028	15003	33500	01213	83920		
Carlisle	222	20000	62011	16551	15601	52111	81630		
Valley	302	20407	82011	16202	18501	01007	81820		
Ringway	334	63302	58041	16101	45702	51213	84650	83070	
Squires Gate	318	30902	70011	16251	20931	52012	82360		
Ronaldsway	204	20107	84031	17200	12502	51211	81825		
Mull of Galloway	131	10210	86011	17003	15600	02215	81630		
Eskdalemuir	162	10000	81011	16751	00902	53207	81073		
Prestwick	135	00000	60111	17553	00900	54313			
Abbotsinch	140	32502	80030	17451	35700	52215	83650		
Leuchars	171	22703	86011	16600	15642	53216	81630		
Dyce	091	73010	70268	15701	794//	01214	82910	86650	
Lerwick	005	73614	80268	16200	784//	52224	83815	87625	
Wick	075	13310	82028	17001	12440	51216	81815		
Sule Skerry	010	73613	66808	17804	784//	03208	82810	87625	
Cape Wrath	049	70209	85032	18103	735//	01212	87920		
Stornoway	026	73404	80028	19503	785//	01313	81820	87640	
Berbecula	022	60307	80268	19602	684//	01208	83816	85630	
Tiree	100	70115	82038	19005	785//	01210	82820	86632	
Aldergrove	917	10106	82020	18301	15500	51310	81620		
Malin	980	30116	83038	19407	38500	01314	81820		
Belmullet	976	40103	70808	20905	43500	03210	82920	83638	
Birr	965	00000	70010	20152	00900	52112			
Dublin	969	33003	82030	18101	35700	00211	83650		
Shannon	962	23407	80021	20502	25600	01213	82640		
Roches Point	952	03116	80021	19104	00900	03209			
Valentia	953	60406	82031	20605	68500	03115	82823	86640	

OBSERVATIONS at 06h. 17 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	73605	57051	17401	763//	50219	87708		
Hurn	862	33610	60031	16801	35400	00217	83615		
Manston	797	33512	65018	14404	36300	03215	83707		
Gatwick	776	73509	62031	15702	763//	01216	87708		
Kew	775	73510	60021	16203	763//	01215	87708		
Heathrow	772	73508	57031	15603	763//	02216	87707		
Honington	586	83210	12101	15301	860//	01216	88700		
Wattisham	590	83413	04464	15401	860//	01215	88700		
Gorleston	497	23005	66021	14602	22500	01214	82825		
Aberporth	502	00506	80020	18802	00900	00214			
Filton	628	13605	57050	17700	00901	51316	81075		
Rhoose	715	20102	75011	18200	10931	52217	81362		
Hartland Point	703	30706	89021	17605	32500	01215	83825		
Mount Batten	827	23606	65011	17403	15638	01216	81640		
St.Mawgan	817	10506	80011	17901	11500	51214	81820		
Scilly	804	40412	82031	17707	42570	00212	84820		
Culdrose	809	20607	70021	17701	25600	51213	82640		
Guernsey	894	50111	81018	15105	52400	01215	85816		
Elmdon	534	13005	50101	18152	15700	53216	81650		
Cardington	559	23306	50108	16701	20930	01114	82362		
Wittering	462	23310	50051	16501	15501	00214	81625		
Watnall	354	13309	59051	17702	10930	51217	81360		
Shawbury	414	13307	56040	18450	00902	51214	81075		
Finningley	360	13009	80011	17301	15601	51215	81645		
Spurn Point	396	53312	60808	16203	53400	02220	85915		
Leeming	257	13310	84030	18300	10931	00116	81363		
Tynemouth	262	23416	81020	18002	20930	50219	82360		
Carlisle	222	30000	58030	19753	15501	54114	81620	83075	
Valley	302	70305	82031	19202	715//	01215	87828		
Ringway	334	00000	59011	18951	00900	52214			
Squires Gate	318	13605	75030	19251	00901	52213	81070		
Ronaldsway	204	20107	84030	19901	18501	51212	81825		
Mull of Galloway	131	70511	84031	19903	5553/	01312	85625	87360	
Eskdalemuir	162	10104	81020	19951	18400	55213	81818		
Prestwick	135	01302	62020	20655	00900	55215			
Abbotsinch	140	00000	82021	20054	00900	54112			
Leuchars	171	12505	89020	19701	15600	53215	81640		
Dyce	091	73007	65278	19401	783//	01221	81706	83812	87645
Lerwick	005	73306	80028	19900	784//	55215	81815	87641	
Wick	075	73307	80038	20501	3243/	00217	83815	86358	
Sule Skerry	010	73505	78028	20804	784//	02212	81810	87625	
Cape Wrath	049	70105	84022	20803	735//	02214	87920		
Stornoway	026	32901	80031	21451	15601	52106	81640		
Berbecula	022	60000	86038	21501	25532	50306	82625	83360	
Tiree	100	20110	87018	21004	22500	52205	82820		
Aldergrove	917	10000	82021	21051	15500	52212	81625		
Malin	980	40315	88258	21106	43500	02106	84822	81922	
Belmullet	976	63505	75258	21806	635//	04400	85920		
Birr	965	22203	66030	22051	25600	51207	82640		
Dublin	969	13004	82010	21000	10930	51213	81359		
Shannon	962	13504	70030	22801	15700	00211	81650		
Roches Point	952	03217	80010	21403	00900	02212			
Valentia	953	10511	82021	22305	11500	01109	81823		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00513	56	+	+
Hurn	862	00011	52	+	+
Manston	797	05021	01	ph.r.phrpr.pr	+
Gatwick	776	00011	53	+	+
Kew	775	00021	50	+	+
Heathrow	772	00021	50	+	+
Honington	586	97501	53	pr.s.	+
Wattisham	590	00001	52	+	ff
Gorleston	497				
Aberporth	502	00013	56	+	+
Filton	628	00513	58	+	+
Rhoose	715	00503	57	+	+
Hartland Point	703	00041	01		
Mount Batten	827	00013	53	+	+
St.Mawgan	817	00001	53	+	+
Scilly	804	97061	03	pr.	+
Culdrose	809	00513	55	+	+
Guernsey	894	97051	02	pr.	pr.
Elmdon	534	00533	55	+	+
Cardington	559	92003	54	pr.	+
Wittering	462	00013	51	+	+
Watnall	354	00013	52	+	+
Shawbury	414	00513	56	+	+
Finningley	360	00013	52	+	+
Spurn Point	396			pr.	pr.
Leeming	257	00503	53	+	+
Tynemouth	262	01022	00	pr	prspr
Carlisle	222	00540	58	+	+
Valley	302	00001	55	+	+
Ringway	334	00523	57	+	+
Squires Gate	318	00533	58	+	+
Ronaldsway	204	00513	56	+	+
Mull of Galloway	131	00021			
Eskdalemuir	162	00523	55	+	+
Prestwick	135	00553	59	+	+
Abbotsinch	140	00553	62	+	+
Leuchars	171	00513	55	+	+
Dyce	091	02011	50	pr.s.	pr.ph.phrs
Lerwick	005	91515	53	ps.	+
Wick	075	92513	53	+	pr.
Sule Skerry	010	91021	01		
Cape Wrath	049	00021	51	+	+
Stornoway	026	00513	55	+	+
Berbecula	022	92003	59	pr.s.	+
Tiree	100	97011	55	pr.	+
Aldergrove	917	00523	58	+	+
Malin	980	9105	02		
Belmullet	976	0103	00		
Birr	965	9752	56		
Dublin	969	9751	54		
Shannon	962	9750	54		
Roches Point	952	9702	01		
Valentia	953	9701	52		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	17001	81211	97616	02307	8742/	00755	/////	/////	00207	10697	3//05	///08
	99571	70204	17004	72215	98012	21309	5557/	00814	85625	87360	0//02	11050	30302	03004
	99646	10034	17004	83323	97848	14550	894//	00213	/////	/////	0//57	10685	30506	/////
	99461	70145	17004	30316	98020	18811	32500	00115	83820	/////	0//08	11272	30604	29007

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	17061	72617	98026	08204	62530	00231	/////	/////	05400	10687	3//10	/////
	99572	70204	17064	82120	98032	16908	855//	00826	88625	/////	0//04	11059	30404	18804
	99648	10034	17064	62919	97268	15500	59460	00004	/////	/////	0//56	10665	30505	/////
	99463	70149	17064	30413	98020	19411	38500	72209	82820	/////	0//07	11300	30705	29006

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42760

Date of Issue MONDAY 18 DECEMBER 1978

Code FM 11.V OBSERVATIONS at 12h. 17 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	73608	64031	20503	754//	00111	84710	86619	
Hurn	862	23607	62031	20103	21430	01108	82818		
Manston	797	73208	56101	18303	762//	03112	87704		
Gatwick	776	70208	60022	19004	763//	02010	81809	87710	
Kew	775	70306	62022	19603	763//	01111	87709		
Heathrow	772	83609	59032	19304	863//	02210	84708	88709	
Honington	586	33011	45108	18503	36200	02112	83704		
Wattisham	590	73312	20104	18602	760//	02111	87701		
Gorleston	497	23205	66020	17906	22500	03210	82825		
Aberporth	502	10906	86020	21805	18500	50010	81820		
Filton	628	00105	50050	21103	00900	50115			
Rhoose	715	13603	66020	21404	18500	00115	81820		
Hartland Point	703	30805	89020	21205	32500	00119	83825		
Mount Batten	827	10303	84020	20706	11500	01113	81820		
St.Mawgan	817	10305	82020	21705	12500	01219	81820		
Scilly	804	20706	80010	21408	22500	04219	82820		
Culdrose	809	30409	70030	21405	22531	00116	82825		
Guernsey	894	20311	82011	18307	23531	50113	82820	81925	
Elmdon	534	13306	59040	21103	15600	51114	81645		
Cardington	559	43506	58050	19804	28532	02112	81825		
Wittering	462	13308	61030	20003	18500	00214	81822		
Watnall	354	13411	58050	20704	15630	50015	81640		
Shawbury	414	13207	62040	21703	00901	51113	81078		
Finningley	360	43212	80030	20404	48500	00113	82820	83645	
Spurn Point	396	53214	60168	19404	53400	02217	85915		
Leeming	257	73311	65808	21203	784//	02115	82814	86630	
Tynemouth	262	63215	69818	21203	635//	02218	86920		
Carlisle	222	50000	40041	22851	55500	52212	81620	85628	
Valley	302	13602	84011	22106	18500	01007	81828		
Ringway	334	12402	56040	21903	15600	52119	81640		
Squires Gate	318	13605	56040	22203	18500	50108	81825		
Ronaldsway	204	10106	86021	23004	18600	00211	81835		
Mull of Galloway	131	30506	84031	22605	15501	00210	81625	83075	
Eskdalemuir	162	23507	84020	22702	25601	54010	82630		
Prestwick	135	20000	45040	23800	00902	52214	82080		
Abbotsinch	140	32902	57050	23401	00901	52214	83072		
Leuchars	171	13106	86020	23003	18502	52215	81820		
Dyce	091	72809	75028	22403	753//	01211	81708	87638	
Lerwick	005	40000	84021	21202	35601	54001	83640		
Wick	075	72605	86028	22402	784//	01108	81818	87635	
Sule Skerry	010	62702	81032	22004	684//	00105	81810	86625	
Cape Wrath	049	51804	85031	22002	45501	02106	84625	85070	
Stornoway	026	52405	89011	22401	18431	00003	81815	85080	
Berbecula	022	61606	89022	22603	655//	01007	86626		
Tiree	100	40000	89030	23105	25502	02112	82622	83077	
Aldergrove	917	23102	84010	23703	25609	00212	82630		
Malin	980	70305	89038	23307	785//	01114	85824	85632	
Belmullet	976	71303	80258	23707	734//	05214	82718	86820	82920
Birr	965	72502	80011	24603	556/2	03012	85633	84070	
Dublin	969	63003	82031	23502	685//	00309	81820	86635	
Shannon	962	43302	75205	24605	453/2	04007	81708	84630	
Roches Point	952	13212	80020	23705	15600	03008	81635		
Valentia	953	61902	82031	24806	68500	03011	82823	85637	

OBSERVATIONS at 18h. 17 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	00106	40051	23500	00900	51219			
Hurn	862	73403	58051	23002	754//	01221	87619		
Manston	797	83311	57102	21004	862//	03317	83705	88707	
Gatwick	776	83606	58041	22204	854//	01320	88612		
Kew	775	23403	56051	22203	25400	01219	82615		
Heathrow	772	63203	45051	22103	68400	01220	81816	86628	
Honington	586	33108	56018	21501	35500	01218	83622		
Wattisham	590	33211	56251	21302	32200	02215	83704		
Gorleston	497	53304	66808	20904	52500	02218	85825		
Aberporth	502	10704	85020	24103	15500	51214	81620		
Filton	628	00000	50050	23701	00900	51220			
Rhoose	715	13503	65020	23802	15500	51319	81620		
Hartland Point	703	10805	89020	23205	11600	51318	81830		
Mount Batten	827	03602	62020	23403	00900	01221			
St.Mawgan	817	10605	80020	23403	11500	00216	81820		
Scilly	804	10503	83020	23306	11500	02218	81820		
Culdrose	809	10506	80020	23603	12500	00218	81825		
Guernsey	894	50212	81031	21405	58400	50218	82818	84625	
Elmdon	534	63306	38041	23702	654//	51319	86617		
Cardington	559	63505	57051	22403	656//	02220	82630	86635	
Wittering	462	43310	56050	22802	45400	01320	82712	84614	
Watnall	354	73407	50051	23803	754//	01221	87615		
Shawbury	414	23507	57040	24301	25500	52214	82620		
Finningley	360	63106	57018	23503	65500	01220	86626		
Spurn Point	396	20214	66018	22805	23460	02215	82915		
Leeming	257	83505	65038	24403	854//	01218	82612	88625	
Tynemouth	262	13205	56028	24203	11500	01213	81825		
Carlisle	222	20000	35101	25152	00901	53214	82075		
Valley	302	10606	84020	24701	18501	51312	81828		
Ringway	334	33002	35041	24701	35501	51215	83625		
Squires Gate	318	10207	40040	24801	15600	51215	81640		
Ronaldsway	204	50102	65041	24751	11601	52211	81830	85080	
Mull of Galloway	131	10000	86011	24303	15700	51109	81650		
Eskdalemuir	162	10000	84011	25653	15600	55213	81630		
Prestwick	135	40000	57041	24853	00902	53208	84080		
Abbotsinch	140	10000	11401	24553	00901	53209	81075		
Leuchars	171	22506	86021	24251	11402	52208	81815		
Dyce	091	40000	83021	24051	00902	51107	84070		
Lerwick	005	82515	75681	20303	855//	50603	84620	88630	
Wick	075	72405	84031	22751	685/2	53304	81820	86628	
Sule Skerry	010	72709	80258	20606	784//	03704	83815	87625	
Cape Wrath	049	62308	81025	21205	655//	04304	86625		
Stornoway	026	42107	80021	21603	25501	01400	82624	84082	
Berbecula	022	31710	80011	21803	35500	02201	83625		
Tiree	100	11908	89011	23103	15500	00305	81626		
Aldergrove	917	11405	75020	24751	15600	52207	81630		
Malin	980	71609	89022	23505	785//	02303	83821	87630	
Belmullet	976	51704	72258	23106-	534//	06301	82716	83920	
Birr	965	10000	16101	25051	15600	52003	81635		
Dublin	969	73002	70028	24703	756//	00210	87635		
Shannon	962	71702	75031	24805	754//	04104	83717	87628	
Roches Point	952	13604	80020	24703	18400	01009	81818		
Valentia	953	10000	83018	24403	15600	02301	81637		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00043	051	+	+
Hurn	862	00053	036	+	+
Manston	797	00041	000	+	+
Gatwick	776	00041	001	+	+
Kew	775	00041	000	+	+
Heathrow	772	00051	002	+	+
Honington	586	97041	013	pr.	~~pr.~~ +
Wattisham	590	91033	000	ff	pr.
Gorleston	497		038		
Aberporth	502	00053	071	+	+
Filton	628	00043	063	+	+
Rhoose	715	00073	067	+	+
Hartland Point	703	00060	067		
Mount Batten	827	00071	056	+	+
St.Mawgan	817	00061	072	+	+
Scilly	804	00091	075	+	+
Culdrose	809	00060	067	+	+
Guernsey	894	00071	044	jp	jp
Elmdon	534	00043	063	+	+
Cardington	559	00051	054	+	+
Wittering	462	00041	063	+	+
Watnall	354	00043	058	+	+
Shawbury	414	00043	052	+	+
Finningley	360	91041	045	pr.	pr.pr
Spurn Point	396			pr.	pr.
Leeming	257	97043	013	pr.	pr.
Tynemouth	262	03051	001	pr	pr
Carlisle	222	00023	041	+	+
Valley	302	00073	052	+	+
Ringway	334	00033	037	+	+
Squires Gate	318	00043	063	+	+
Ronaldsway	204	00053	066	+	+
Mull of Galloway	131	00053			
Eskdalemuir	162	00033	060	+	+
Prestwick	135	00033	064	+	+
Abbotsinch	140	00023	056	jf	jfif
Leuchars	171	00033	060	+	+
Dyce	091	00033	005	+	+
Lerwick	005	97041	012	+	r.s.pr.
Wick	075	00023	029	+	+
Sule Skerry	010	91061			
Cape Wrath	049	97051	004	+	id.
Stornoway	026	00061	045	+	+
Berbecula	022	97051	007	+	id.
Tiree	100	00071	040	+	+
Aldergrove	917	00063	059	+	+
Malin	980	9707	001		
Belmullet	976	9408	011		
Birr	965	9705	017		
Dublin	969	9704	011		
Shannon	962	9706	016		
Roches Point	952	9706	070		
Valentia	953	9708	028		

Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

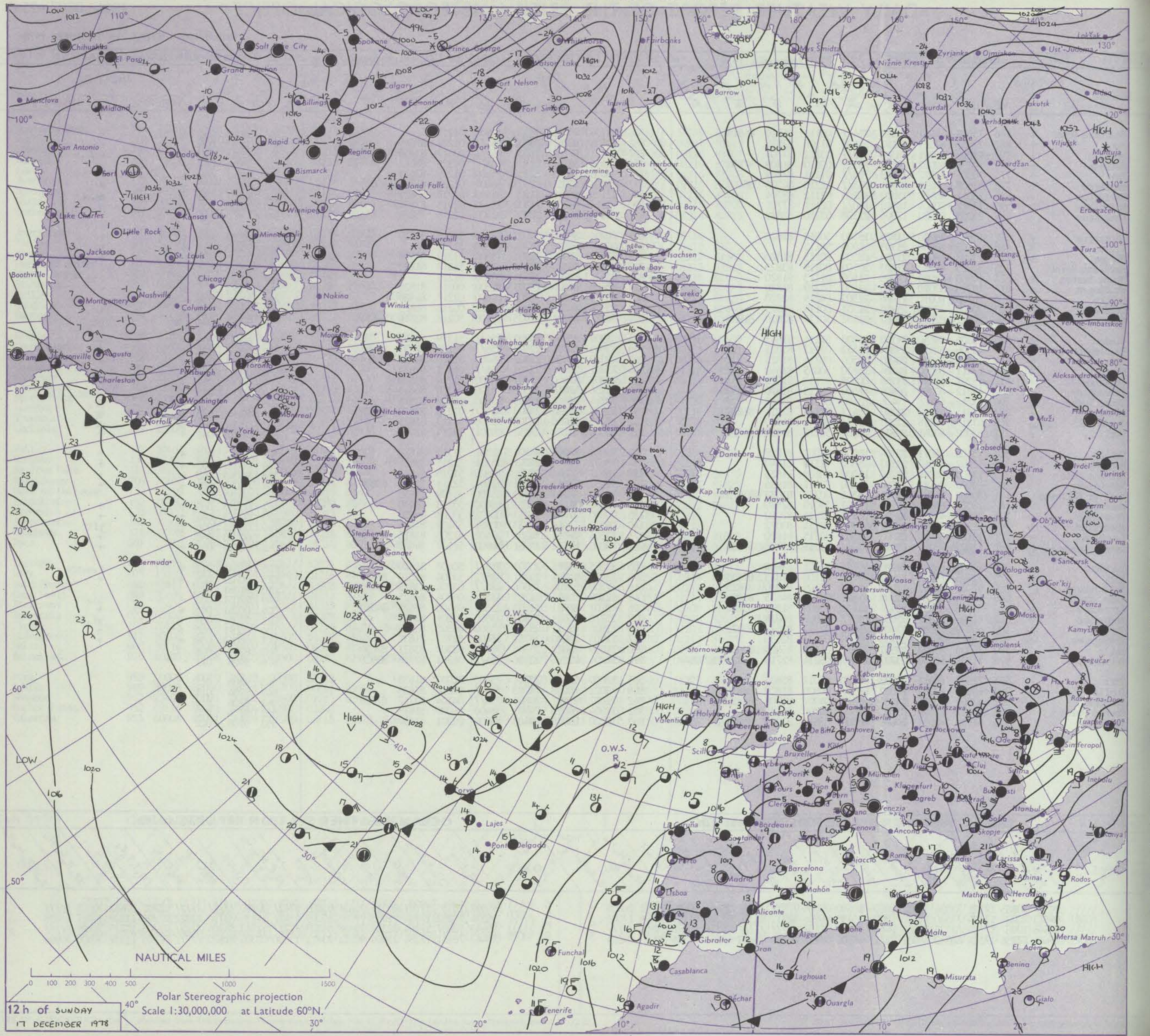
O.W.S.		99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR		99527	70355	17121	72006	98032	10604	68540	00004	/////	/////	05451	10699	30201	26008
		99573	70204	17124	71820	98012	12009	35438	00826	82712	83360	0//06	11101	30404	17005
		99646	10037	17124	82225	97268	14100	894//	31707	/////	/////	0//54	10678	30506	/////
		99465	70156	17124	60812	98031	23211	68500	00117	81820	86633	0//07	11316	30000	04604

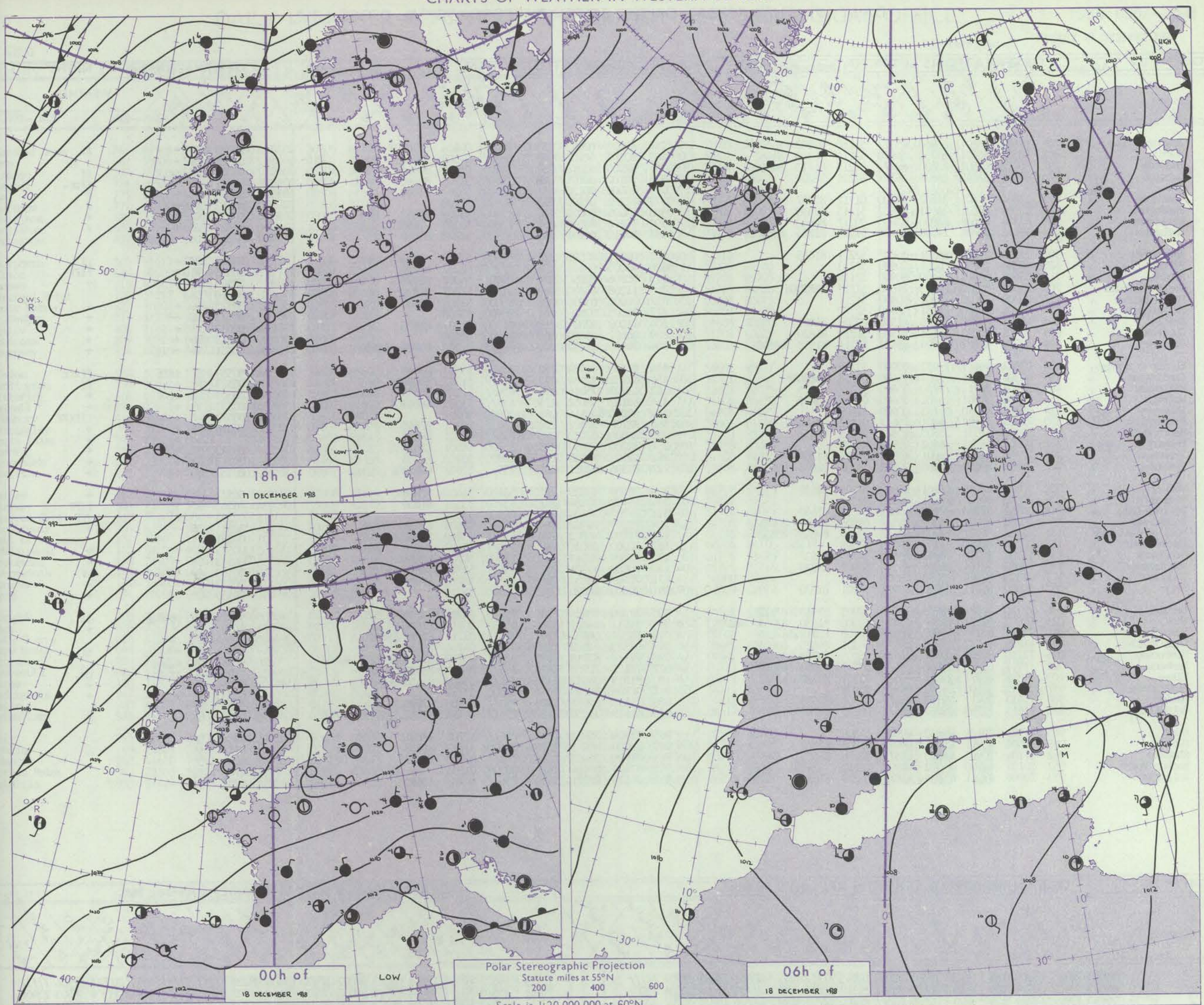
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.		99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR		99527	70355	17181	80514	96636	03003	8742/	00740	/////	/////	05702	10682	30505	/////
		99574	70202	17184	71935	97038	05009	4247/	41735	83710	83812	0//06	11109	30707	16008
		99643	10037	17184	82339	95688	06303	872//	61763	88706	/////	0//03	10715	30709	/////
		99467	70161	17184	21404	98021	23411	15530	00305	81620	/////	0//05	11351	30000	30904

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday MONDAY 18 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a ridge of high pressure extending northeastwards from the Azores to Scotland moved slowly southwards to Wales and the Midlands. A shallow depression over the North Sea filled as it moved slowly southwards.

During the next 24 hours the ridge of high pressure over England and Wales will move away southeastwards to the Continent. A deep depression over Iceland and a smaller low to the west of Ireland will both move northeastwards whilst their associated frontal troughs move southeast into Scotland and Northern Ireland.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V

OBSERVATIONS at 00h. 18 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	63602	40101	25950	653//	51110	83707	86628	
Hurn	862	50502	40101	25753	50970	53214	82360	84462	
Manston	797	60710	62802	23605	684//	03213	81710	84815	
Gatwick	776	80103	32042	24803	863//	02216	88707		
Kew									
Heathrow	772	23604	45101	24502	26300	01212	82707		
Honington	586	23106	60031	24951	25602	51215	82630		
Wattisham	590	43508	60038	24900	45600	00217	84640		
Gorleston	497	30116	66038	24306	12530	51213	81825	83360	
Aberporth	502	11512	85020	26501	15601	52211	81635		
Filton	628	00204	40050	26251	00900	52213			
Rhoose	715	03402	64010	26550	00900	52114			
Hartland Point	703	21008	89020	25503	21600	52213	82830		
Mount Batten	827	00000	62020	25801	00900	51211			
St.Mawgan	817	00906	80020	26151	00900	52310			
Scilly	804	41205	83020	25206	41500	03208	84821		
Culdrose	809	10406	70020	26101	11500	51213	81820		
Guernsey	894	60308	80022	23904	684//	50311	81818	86640	
Elmdon	534	03202	06411	27052	00900	53215			
Cardington	559	40306	58101	25601	45600	01214	84630		
Wittering	462	33203	08411	26250	35500	50217	83625		
Watnall	354	53408	35101	26401	55600	01214	85640		
Shawbury	414	02703	40040	27153	00900	54109			
Finningley	360	72802	45102	26001	756//	01112	87640		
Spurn Point	396	80407	68031	25805	858//	52215	88657		
Leeming	257	00000	65011	26552	00900	52208			
Tynemouth	262	12710	66020	26001	10930	51209	81358		
Carlisle	222	20802	40100	26555	00902	56207	82075		
Valley	302	10802	82020	26551	15600	52109	81630		
Ringway	334	00000	10100	27451	00900	52212			
Squires Gate	318	20902	35100	27053	15601	54210	81640		
Ronaldsway	204	70206	80021	26402	785//	01208	82824	87626	
Mull of Galloway	131	62004	86031	25705	685//	03208	84825	83630	
Eskdalemuir	162	00000	80010	27757	00900	57308			
Prestwick	135	11308	70010	26053	15600	54205	81630		
Abbotsinch	140	70000	12104	25955	755//	55007	87628		
Leuchars	171	02508	82020	25353	00900	55205			
Dyce	091	10000	80011	24253	00902	54201	81070		
Lerwick	005	72120	82028	18905	784//	02805	81815	87622	
Wick	075	62007	82031	22201	15632	52500	81630	83359	86075
Sule Skerry	010	72019	66158	19607	784//	06708	82810	87625	
Cape Wrath	049	81819	84032	20005	885//	04301	84820	88625	
Stornoway	026	72110	80201	20506	754//	05805	83711	86625	
Berbecula	022	71911	65808	21006	784//	05702	85818	84625	
Tiree	100	71818	86031	22807	755//	02501	82622	87637	
Aldergrove	917	01705	57100	26352	00900	53208			
Malin	980	71413	89011	24103	756//	01101	87633		
Belmullet	976	61615	72258	23707	634//	06101	81717	85920	
Birr	965	01901	75124	26653	00900	54306			
Dublin	969	30000	70011	26501	00902	51207	83070		
Shannon	962	61106	70012	26203	655//	02208	86625		
Roches Point	952	03108	40100	26702	00900	01210			
Valentia	953	70000	83011	25804	756//	04209	87632		

OBSERVATIONS at 06h. 18 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83602	02462	27300	860//	00104	88701		
Hurn	862	80207	40102	26902	863//	02303	88707		
Manston	797	22705	65018	25901	28400	01109	81814		
Gatwick	776	20102	30101	26850	25600	51309	82640		
Kew	775	10000	30120	26753	15600	54207	81640		
Heathrow	772	03102	32100	26500	00900	51208			
Honington	586	13303	64020	26852	15600	53209	81632		
Wattisham	590	13406	80030	26951	15600	53209	81645		
Gorleston	497	50310	66031	26406	50970	52208	85360		
Aberporth	502	01811	84020	27051	00900	53000			
Filton	628	90605	03451	27651	9////	51207	89/00		
Rhoose	715	10606	50050	27453	00901	54002	81075		
Hartland Point	703	11208	85030	26302	11500	51002	81820		
Mount Batten	827	20000	65030	26651	25600	52301	82630		
St.Mawgan	817	01005	82020	26752	00900	53000			
Scilly	804	11002	82020	26303	11500	01601	81820		
Culdrose	809	00407	65020	26800	00900	51000			
Guernsey	894	70310	81032	24805	784//	01303	84816	86630	
Elmdon	534	30000	04484	28254	35600	55303	83640		
Cardington	559	62702	20284	27351	656//	51207	86638		
Wittering	462	63203	75014	27401	656//	51204	86635		
Watnall	354	63102	48052	27901	656//	51305	86645		
Shawbury	414	00000	05414	28156	00900	56302			
Finningley	360	72702	30102	27000	756//	50701	87640		
Spurn Point	396	80306	62022	26804	856//	50001	88645		
Leeming	257	20000	65030	27554	25600	54001	82635		
Tynemouth	262	12508	80020	26650	10930	53400	81358		
Carlisle	222	71304	62021	26151	755//	52707	87622		
Valley	302	31308	82020	27101	35400	51400	83616		
Ringway	334	11402	12284	28252	15700	53101	81650		
Squires Gate	318	01205	20104	27655	00900	56500			
Ronaldsway	204	71809	82022	26006	785//	02604	83824	86634	
Mull of Galloway	131	72109	86022	24706	756//	03810	87630		
Eskdalemuir	162	70000	65031	26855	755//	57607	87620		
Prestwick	135	21704	70011	25050	25500	50707	82625		
Abbotsinch	140	70000	12101	24752	754//	52708	84616	87620	
Leuchars	171	72409	80031	24350	755//	53708	87620		
Dyce	091	00000	80020	22655	00900	55713			
Lerwick	005	72320	68026	16405	752//	04714	83705	87622	
Wick	075	31911	84031	19802	15632	50715	81630	83075	
Sule Skerry	010	82324	66032	17507	884//	07714	82810	88625	
Cape Wrath	049	82323	75502	16806	874//	04716	88710		
Stornoway	026	72116	83018	17907	6845/	05713	81816	85632	86364
Berbecula	022	72122	70258	18707	784//	05712	83816	85625	
Tiree	100	81919	84032	21407	854//	05609	83618	88635	
Aldergrove	917	01706	62020	25352	00900	53710			
Malin	980	71816	89031	23004	756//	01606	87630		
Belmullet	976	61618	74258	21207	634//	06714	81717	81920	85640
Birr	965	71706	75031	25551	756//	52706	87636		
Dublin	969	10000	80011	25601	15600	51710	81638		
Shannon	962	71206	80022	25602	756//	00500	87640		
Roches Point	952	03404	07464	26201	00900	01604			
Valentia	953	71410	82021	24506	756//	02707	87640		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00523	58	+	ff
Hurn	862	00531	56	+	+
Manston	797	96001	51	pr.	if
Gatwick	776	97511	54	+	ifpr.
Kew	775	00543	60	+	+
Heathrow	772	00513	56	+	+
Honington	586	00533	57	+	+
Wattisham	590	97523	57	+	+
Gorleston	497				
Aberporth	502	00513	55	+	jf
Filton	628	00523	58	+	ffFF
Rhoose	715	00543	58	+	+
Hartland Point	703	00010	52		
Mount Batten	827	00523	56	+	+
St.Mawgan	817	00523	56	+	+
Scilly	804	00033	53	+	+
Culdrose	809	00513	56	+	+
Guernsey	894	00031	53	+	+
Elmdon	534	00553	57	ifff	ffiff
Cardington	559	00523	58	+	ff
Wittering	462	00503	52	ifff	+
Watnall	354	00533	59	+	+
Shawbury	414	00573	57	+	ifffFF
Finningley	360	00514	53	+	+
Spurn Point	396			+	+
Leeming	257	00543	57	+	+
Tynemouth	262	00513	53	+	+
Carlisle	222	00553	60	+	+
Valley	302	00523	56	+	+
Ringway	334	00563	58	if	ffFF
Squires Gate	318	00563	58	f	ffF
Ronaldsway	204	00521	55	+	+
Mull of Galloway	131	00031			
Eskdalemuir	162	00573	62	+	+
Prestwick	135	00543	58	+	+
Abbotsinch	140	00563	62	jfif	jf
Leuchars	171	00533	55	+	+
Dyce	091	00553	61	+	+
Lerwick	005	91021	51	pr.d.r.	d.d.
Wick	075	00003	54	+	+
Sule Skerry	010	91062	05		
Cape Wrath	049	97021	02	+	id.
Stornoway	026	92061	04	d.pr.	r.
Berbecula	022	01051	50	ir.pr.	pr.
Tiree	100	00061	52	+	+
Aldergrove	917	00533	57	+	+
Malin	980	9703	51		
Belmullet	976	9205	02		
Birr	965	9754	58		
Dublin	969	9751	55		
Shannon	962	9701	50		
Roches Point	952	9700	52		
Valentia	953	9702	51		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_ap	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	18001	62813	98237	12303	65500	00245	/////	/////	05651	10687	3//07	/////
	99572	70202	18004	72626	97018	06008	784//	51319	83815	86625	0//02	11104	30504	23007
	99645	10031	18004	82829	97217	05606	6537/	71205	82707	85612	0//06	10736	30707	23802
	99468	70166	18004	72112	97251	24311	784//	00203	83816	86633	0//07	11290	30000	30904

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_ap	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	18061	62813	98027	17402	63400	00220	/////	/////	05951	10685	3//06	/////
	99570	70197	18064	72515	98038	08308	784//	31802	84815	86650	0//02	11101	30403	23908
	99648	10028	18064	82525	96206	06106	853//	71705	85707	88615	0//06	10602	30706	/////
	99470	70170	18064	72316	97038	22711	784//	00608	82816	86633	0//09	11299	30000	30903

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42761

Date of Issue TUESDAY 19 DECEMBER 1978

OBSERVATIONS at 12h. 18 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	63505	08424	27800	66000	50806	84701	83640	
Hurn	862	50106	56051	27302	55600	01806	85640		
Manston	797	51508	60034	27705	58400	01004	84819		
Gatwick	776	10504	59048	27505	15601	01802	81640		
Kew	775	10701	45051	27304	15601	02806	81640		
Heathrow	772	23304	31051	27303	25701	01805	82650		
Honington	586	33302	57020	27703	15632	00000	81630		
Wattisham	590	60107	65031	27702	45601	51803	84640	83075	
Gorleston	497	50306	66022	27706	555//	54201	85625		
Aberporth	502	61613	62021	26503	11502	01808	81820	86075	
Filton	628	90000	01454	27650	9////	50807	89//		
Rhoose	715	80605	15101	27901	860//	00805	86700	88701	
Hartland Point	703	51212	64031	27402	22501	00806	82820	85075	
Mount Batten	827	10707	58040	26903	18530	01805	81825		
St.Mawgan	817	11206	82020	26405	12502	02807	81820		
Scilly	804	11407	81020	25809	11501	02811	81820		
Culdrose	809	30705	60050	26704	31501	02806	83820		
Guernsey	894	60310	84022	25306	684//	01803	83818	84640	
Elmdon	534	51402	15284	27901	55602	52809	85640		
Cardington	559	32902	25054	27803	15602	54804	81640	83078	
Wittering	462	62902	62032	27705	15631	53803	81635	85075	
Watnall	354	32602	12051	27603	14601	54807	81640	83075	
Shawbury	414	40402	03484	27854	00901	55810	84075		
Finningley	360	51502	18102	27203	00902	01807	85075		
Spurn Point	396	83004	66022	27705	856//	50703	88645		
Leeming	257	31502	62030	27350	15602	52804	81635	83080	
Tynemouth	262	22307	24050	26101	10935	51704	81358		
Carlisle	222	71904	70022	25303	755//	00807	81620	87635	
Valley	302	51715	82031	26305	55401	02808	81614	84640	
Ringway	334	71703	16044	27701	00901	53809	87075		
Squires Gate	318	91207	00434	27051	9////	51807	89//		
Ronaldsway	204	41915	89011	25107	48401	03806	81818	84645	
Mull of Galloway	131	72407	82022	24007	785//	07808	82820	87625	
Eskdalemuir	162	81606	40057	25001	862//	51809	88704		
Prestwick	135	71805	81031	24003	7843/	01809	81816	87622	
Abbotsinch	140	70202	09414	23301	755/2	00811	83624	87628	
Leuchars	171	12408	61021	23102	15601	51808	81640		
Dyce	091	20000	84020	21203	00901	52805	82070		
Lerwick	005	72223	80025	15106	784//	04710	83710	83815	87620
Wick	075	72013	89021	18705	28542	02707	81820	87072	
Sule Skerry	010	62324	78028	15008	46401	07717	84710	86070	
Cape Wrath	049	72330	74035	15407	32550	06507	83820	87360	
Stornoway	026	72220	75608	16408	7547/	07706	85714	83618	87362
Benbecula	022	61925	75258	16908	58402	06709	81712	83816	85630
Tiree	100	71922	89032	19808	784//	04707	82714	83622	87635
Aldergrove	917	22009	75011	23903	15502	00810	81620		
Malin	980	41921	86011	21005	25632	01711	82638	83075	
Belmullet	976	61623	78808	19007	53432	05815	82717	81920	83637
Birr	965	41607	84031	24302	25602	50808	82636	83070	
Dublin	969	21803	35100	24406	28500	02813	81825		
Shannon	962	41610	75011	23405	35602	02815	83645		
Roches Point	952	73305	50104	24303	784//	02816	83817	87643	
Valentia	953	51414	84258	22107	38502	04816	82825	83070	

OBSERVATIONS at 18h. 18 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	50708	56054	26301	25601	51703	82635	84075	
Hurn	862	00000	45108	25750	00900	50702			
Manston	797	40906	60021	26801	00902	52804	84070		
Gatwick	776	30502	38041	26401	00901	50703	83075		
Kew	775	10000	32100	26051	00901	51803	81075		
Heathrow	772	20503	35051	25903	00901	00803	82075		
Honington	586	21203	33051	26701	00901	51702	82075		
Wattisham	590	31405	50021	26802	00901	00803	83075		
Gorleston	497	52103	66012	26905	555//	03400	85625		
Aberporth	502	01715	50101	24351	00900	51710			
Filton	628	80803	13104	26150	861//	51805	88702		
Rhoose	715	60807	20044	25900	56201	51705	85705		
Hartland Point	703	41410	64401	24151	42501	51713	84820	83075	
Mount Batten	827	20906	60050	24901	00901	00802	82075		
St.Mawgan	817	10907	60020	24601	12502	50708	81820		
Scilly	804	21507	80020	23605	21500	01608	82820		
Culdrose	809	30606	60051	24403	35501	01708	83620		
Guernsey	894	10708	82028	24004	12500	53803	81820		
Elmdon	534	91503	01491	27153	9////	54602	89//		
Cardington	559	50402	20111	26851	15601	51801	81640	85078	
Wittering	462	20000	70021	26800	00901	52803	82075		
Watnall	354	61202	15051	26550	657//	52806	86650		
Shawbury	414	40902	01484	26453	00901	54704	84075		
Finningley	360	41702	08461	25951	15602	52806	81640	84075	
Spurn Point	396	32303	70011	26703	30970	51803	83360		
Leeming	257	31407	07460	26051	00901	51705	83080		
Tynemouth	262	12307	56050	24501	10930	51603	81358		
Carlisle	222	31407	56041	23401	25602	51805	82640		
Valley	302	21718	80021	24104	25401	01708	81615		
Ringway	334	11606	20041	26201	00901	51707	81075		
Squires Gate	318	11510	15104	25250	00901	51704	81075		
Ronaldsway	204	71820	80251	22707	784//	04709	82816	84824	87656
Mull of Galloway	131	72513	82022	21807	785//	06705	83820	87625	
Eskdalemuir	162	81707	30216	23301	852//	00704	84705	88617	
Prestwick	135	11505	62011	21601	15501	01706	81625		
Abbotsinch	140	21903	56044	21102	15402	01705	81716		
Leuchars	171	72502	56041	22001	754//	50000	87618		
Dyce	091	20000	65050	20051	00901	52503	82072		
Lerwick	005	82124	65216	14507	854//	04501	85710	88637	
Wick	075	32011	81011	17404	15632	02500	81635		
Sule Skerry	010	82324	66032	14608	35407	07602	83615	88270	
Cape Wrath	049	72330	74022	14307	755//	06400	87625		
Stornoway	026	81919	70808	14807	884//	07607	85816	88622	
Benbecula	022	61917	72258	14507	684//	05711	81711	83816	85629
Tiree	100	61924	80018	16907	684//	03712	82818	85640	
Aldergrove	917	11708	70020	21002	15500	51711	81620		
Malin	980	21718	86011	17803	15632	51717	81640		
Belmullet	976	71620	78038	14907	6543/	04617	83717	85638	
Birr	965	71608	75021	20704	756//	02713	87632		
Dublin	969	21605	65018	21505	25600	01715	82632		
Shannon	962	21410	75011	19405	15602	03718	81640		
Roches Point	952	61817	70018	20608	58401	04717	81715	85640	
Valentia	953	31610	75258	18108	38500	06715	81822		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00033	026	ff	+
Hurn	862	97053	033	pr.	+
Manston	797	00053	042	+	+
Gatwick	776	00063	056	+	iff
Kew	775	00063	039	+	iFF
Heathrow	772	00053	032	+	+
Honington	586	00053	050	+	+
Wattisham	590	00043	039	+	+
Gorleston	497		021		
Aberporth	502	00033	063	+	+
Filton	628	00001	000	FfFF	+
Rhoose	715	00011	000	f	+
Hartland Point	703	00040	067		
Mount Batten	827	00053	050	+	+
St.Mawgan	817	00063	075	+	+
Scilly	804	00091	067	+	+
Culdrose	809	00073	056	+	+
Guernsey	894	97071	014	pr.ph.r.	+
Elmdon	534	00033	033	ff	ifFFfF
Cardington	559	00053	045	fF	+
Wittering	462	00063	052	+	+
Watnall	354	00053	023	+	ff
Shawbury	414	00513	002	ffFF	ffFF
Finningley	360	00043	037	+	ff
Spurn Point	396			+	+
Leeming	257	00023	033	+	ffFF
Tynemouth	262	00031	037	+	+
Carlisle	222	00043	002	+	+
Valley	302	00061	060	+	+
Ringway	334	00033	033	fFfF	+
Squires Gate	318	00003	008	FFf	+
Ronaldsway	204	97071	012	+	pr.
Mull of Galloway	131	00081			
Eskdalemuir	162	97021	000	r.s.	r.
Prestwick	135	00053	049	+	+
Abbotsinch	140	00053	014	jfif	+
Leuchars	171	00033	044	+	+
Dyce	091	00053	060	+	+
Lerwick	005	97071	000	id.	ir.
Wick	075	00051	022	+	+
Sule Skerry	010	00081			
Cape Wrath	049	97071	000	id.	+
Stornoway	026	95081	000	pr.r.	r.pr.
Benbecula	022	01081	001	pr.	pr.
Tiree	100	97081	000	pr.	+
Aldergrove	917	00033	061	+	+
Malin	980	0006	026		
Belmullet	976	9708	013		
Birr	965	9704	034		
Dublin	969	9707	033		
Shannon	962	9706	034		
Roches Point	952	9309	006		
Valentia	953	0109	010		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

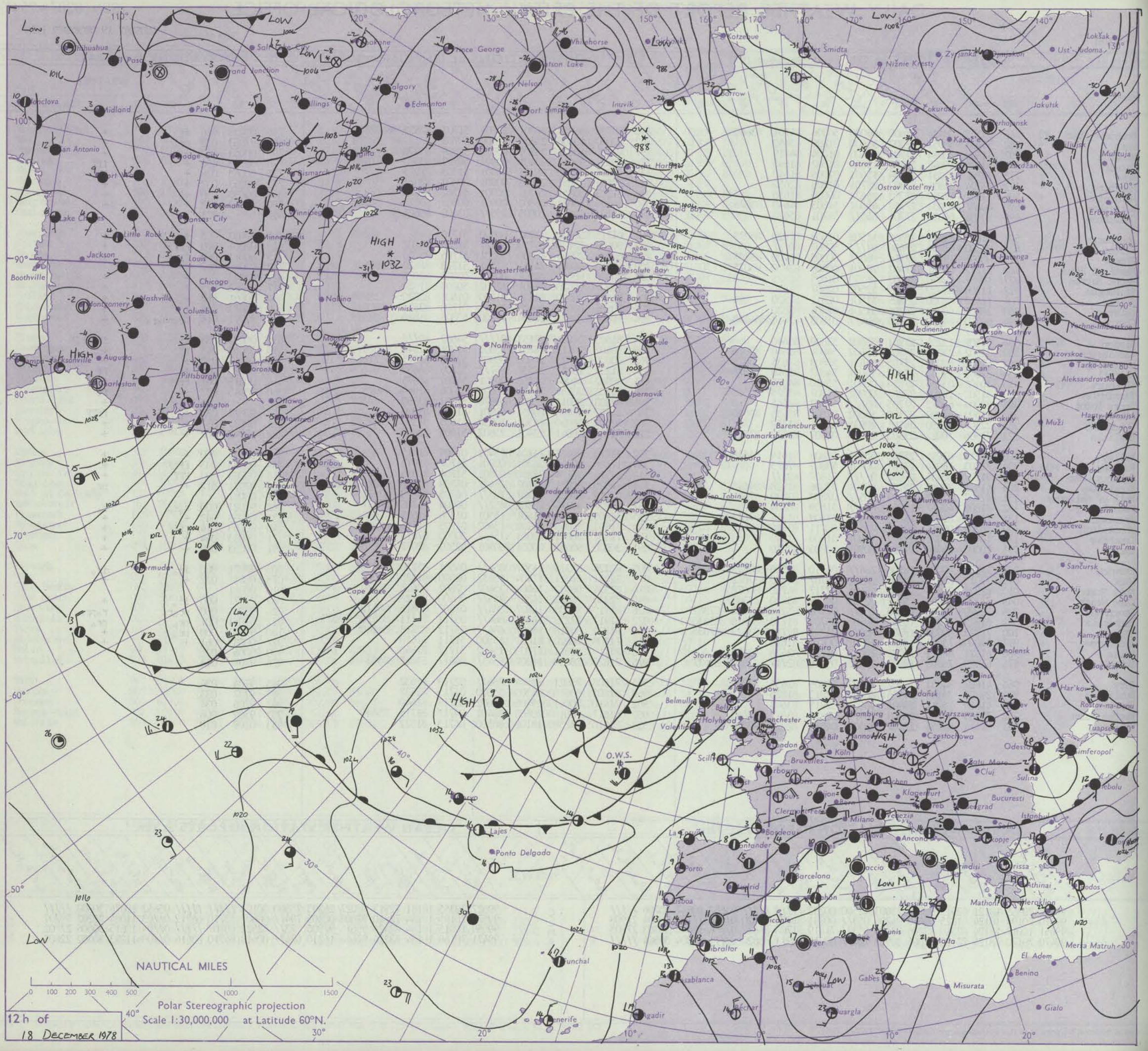
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	18121	42913	98018	23603	42500	00232	/////	/////	05652	10687	30706	/////
	99570	70194	18124	81825	96616	04206	853//	00831	86708	88620	0//06	11103	30404	21908
	99651	10017	18124	82318	97206	03406	6532/	71819	81708	86632	0//06	10642	30503	27805
	99470	70170	18124	72122	97806	20911	734//	00810	83911	83620	0//11	11304	30504	/////

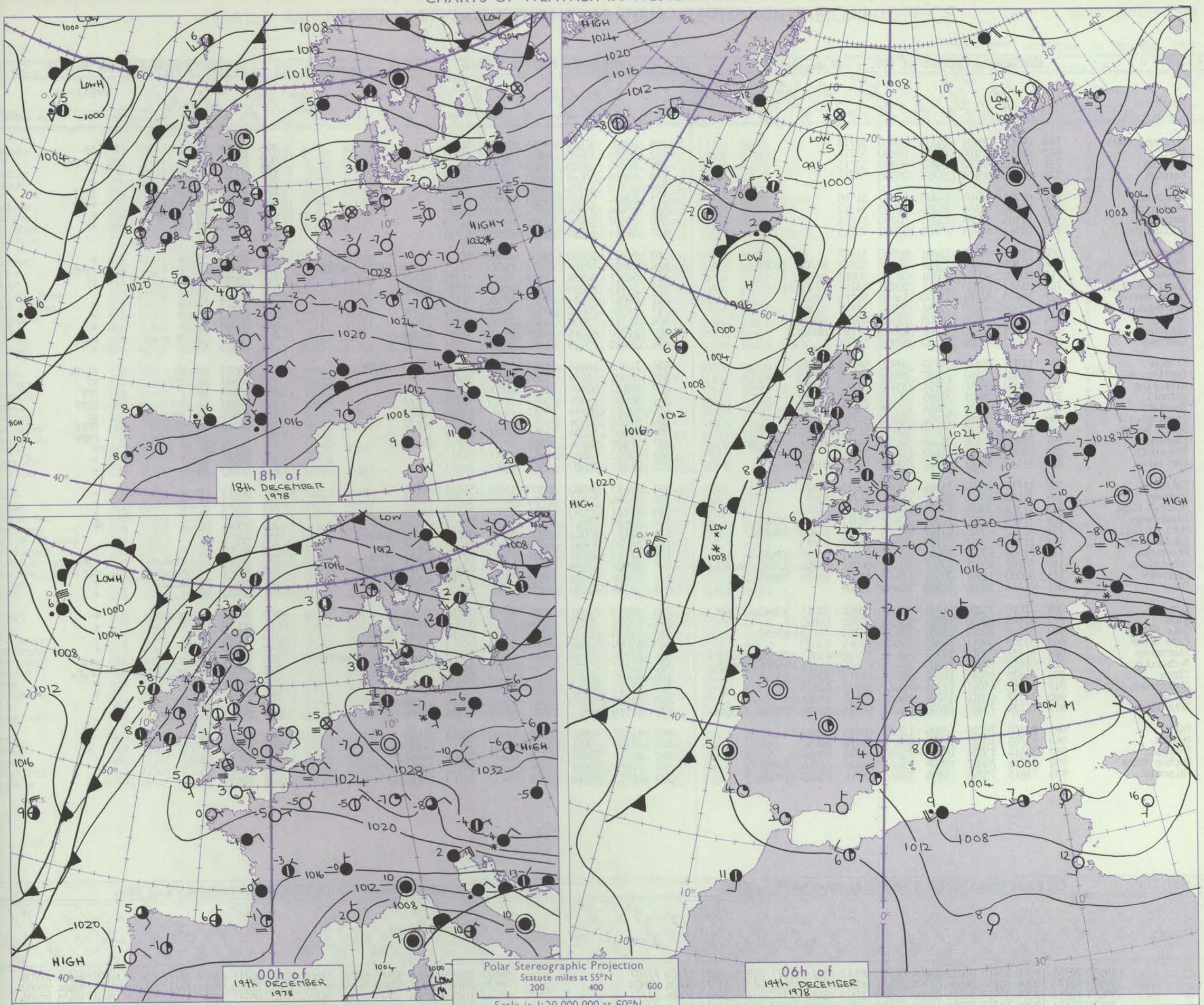
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	18181	72913	98027	26203	78500	00108	/////	/////	05652	10676	30808	/////
	99570	70195	18184	72810	97808	00305	794//	00607	83710	84912	0//03	11084	30202	99/07
	99659	10015	18184	82426	95616	97905	873//	82522	88707	/////	0//04	10615	30606	27802
	99471	70168	18184	83224	97618	16210	6747/	00618	84710	83616	0//09	11293	30502	22605

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday TUESDAY 19 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a high pressure zone extending from Germany across central and southern England declined slightly and moved a little north allowing an easterly airflow to develop over the English Channel and southern counties. Frontal systems and troughs moving northeastwards off the northwest of the British Isles maintained a southwesterly airflow over Northern Ireland and Scotland.

During the next 24 hours the high pressure zone over the North Sea to central England is expected to decline further with a southeasterly airflow spreading over England and Wales. A southwesterly airflow will be maintained over Northern Ireland and Scotland with a frontal zone slow-moving near the Hebrides and Shetlands.

Code FM 11.V

OBSERVATIONS at 00h. 19 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	00808	20101	24351	00900	52713			
Hurn	862	00103	15100	23652	00900	53714			
Manston	797	00906	64020	24702	00900	53715			
Gatwick	776	00000	30104	24752	00900	53711			
Kew									
Heathrow	772	01201	27101	24300	00900	51710			
Honington	586	00000	01444	25354	00900	54712			
Wattisham	590	01105	22284	25301	00900	51714			
Gorleston	497	01511	66021	25705	00900	00713			
Aberporth	502	01618	57100	21851	00900	51817			
Filton	628	81109	05462	23751	860//	52817	86700	88701	
Rhoose	715	80908	40042	23501	860//	50812	88701		
Hartland Point	703	21412	64020	21851	20930	53717	82360		
Mount Batten	827	50603	56101	22000	55600	51715	85640		
St.Mawgan	817	20908	60030	22051	20930	52716	82360		
Scilly	804	11507	80010	20905	11500	00718	81820		
Culdrose	809	40609	57030	21501	45500	01720	84620		
Guernsey	894	00812	84020	21103	00900	54718			
Elmdon	534	11901	00484	24755	00901	56715	81075		
Cardington	559	20802	02464	25152	00902	52709	82075		
Wittering	462	10000	56050	25151	00901	52711	81075		
Watnall	354	90000	00491	24953	9////	53710	89///		
Shawbury	414	90902	00494	24454	9////	55713	89///		
Finningley	360	01402	04464	24554	00900	55710			
Spurn Point	396	12004	64020	25203	10970	51711	81360		
Leeming	257	91606	00494	24354	9////	54811	89///		
Tynemouth	262	02311	61020	22650	00900	52710			
Carlisle	222	11513	58041	21601	00902	52711	81075		
Valley	302	11716	84020	21704	15501	51715	81625		
Ringway	334	22102	15400	24452	00901	54712	82075		
Squires Gate	318	11311	20100	23151	00901	52813	81075		
Ronaldsway	204	71919	75032	20506	784//	01812	81818	87632	
Mull of Galloway	131	82122	80028	18107	885//	07714	83820	88635	
Eskdalemuir	162	71504	25057	21750	755//	52709	87625		
Prestwick	135	71808	62021	19405	755//	03711	82620	87627	
Abbotsinch	140	70707	40041	19001	753//	00712	82709	83620	86640
Leuchars	171	60000	15101	20051	654//	51707	83618	85645	
Dyce	091	01714	59050	18200	00900	51709			
Lerwick	005	72010	75258	14506	5847/	05000	82815	85640	87360
Wick	075	32503	82030	15303	15632	50708	81640		
Sule Skerry	010	62019	74012	13907	5843/	04705	81815	85650	
Cape Wrath	049	32309	84011	13606	35500	05318	83620		
Stornoway	026	61927	75018	12407	4843/	03716	81815	84628	86362
Benbecula	022	81818	70802	12507	884//	05610	83711	85616	88627
Tiree	100	71825	80031	14407	785//	04712	82821	87633	
Aldergrove	917	71913	65021	18304	756//	02710	87635		
Malin	980	31717	80011	15204	28432	02710	81818		
Belmullet	976	71724	75808	12108	6353/	06715	83920	85635	85359
Birr	965	31508	70026	18004	15630	03613	81633		
Dublin	969	61703	70021	19705	657//	02708	86650		
Shannon	962	31614	75026	16306	35700	03718	83656		
Roches Point	952	71716	70022	18009	754//	04716	81716	87640	
Valentia	953	71615	75258	15108	785//	06716	83822	86638	

OBSERVATIONS at 06h. 19 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	03201	37054	19955	00900	56726			
Hurn	862	00105	35100	18955	00900	55725			
Manston	797	00812	75020	19902	00900	54627			
Gatwick	776	00506	50040	19653	00900	54727			
Kew	775	00405	25284	19955	00900	56623			
Heathrow	772	03604	28100	19853	00900	53726			
Honington	586	00606	35054	21554	00900	55620			
Wattisham	590	00507	30050	21352	00900	54719			
Gorleston	497	01111	66020	22005	00900	53716			
Aberporth	502	01715	58100	18251	00900	51616			
Filton	628	80805	14104	20152	860//	53621	82700	86701	88702
Rhoose	715	50511	30284	19551	56200	51724	85703		
Hartland Point	703	21215	66020	17600	20930	51724	82360		
Mount Batten	827	00907	56051	17502	00900	01723			
St.Mawgan	817	21008	70020	17401	20930	51621	82359		
Scilly	804	71512	75021	16306	755//	03721	87628		
Culdrose	809	21010	65016	16903	21400	51723	82818		
Guernsey	894	20810	75020	16102	24400	52724	82618		
Elmdon	534	71202	08414	21353	760//	53719	81700	87701	
Cardington	559	00302	01484	21454	00900	55719			
Wittering	462	03102	00484	21655	00900	55718			
Watnall	354	90000	01494	21652	9////	52716	89///		
Shawbury	414	81005	09444	20652	860//	53718	88701		
Finningley	360	91807	00494	21552	9////	52714	89///		
Spurn Point	396	01808	58024	21901	00900	01719			
Leeming	257	91606	00494	21555	9////	55714	89///		
Tynemouth	262	02010	61020	20151	00900	54714			
Carlisle	222	01611	70020	19301	00900	54611			
Valley	302	11410	84020	18300	15601	51616	81630		
Ringway	334	31706	35044	20750	36200	51720	83703		
Squires Gate	318	41211	35040	19852	45600	54719	84630		
Ronaldsway	204	51609	75012	18205	58500	02711	84820		
Mull of Galloway	131	82112	80022	15907	885//	05712	84820	88630	
Eskdalemuir	162	50000	35051	20053	55600	55709	85630		
Prestwick	135	71713	60026	16604	755//	02711	82620	87648	
Abbotsinch	140	71908	57216	16404	755//	02610	83621	86640	
Leuchars	171	52406	66026	17502	55500	00710	82622	85645	
Dyce	091	31509	40050	16402	16332	01606	81709		
Lerwick	005	21910	84031	12603	28400	01710	81815		
Wick	075	12011	84020	12704	15601	00804	81640		
Sule Skerry	010	61813	81032	11207	3553/	04614	83625	86360	
Cape Wrath	049	42009	84030	10505	45500	05713	84625		
Stornoway	026	71929	75258	09608	5843/	06710	82816	85632	86360
Benbecula	022	81721	75028	09507	854//	06610	85616	88625	
Tiree	100	71828	70012	11808	756//	05708	87635		
Aldergrove	917	71813	70022	15605	756//	02714	87645		
Malin	980	21929	75030	12405	16440	02714	81714		
Belmullet	976	81910	64618	10707	5647/	06303	85716	88459	
Birr	965	11507	75030	14604	15600	02812	81635		
Dublin	969	81603	80606	16406	856//	03717	84630	88650	
Shannon	962	61211	75031	13704	656//	03809	86647		
Roches Point	952	71617	70028	14808	784//	04612	85816	87635	
Valentia	953	81515	75218	11908	864//	06713	85716	88638	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00553	61	f	if
Hurn	862	00563	59	+	+
Manston	797	00003	53	+	+
Gatwick	776	00573	60	+	+
Kew	775	97573	63	iF	iFif
Heathrow	772	00533	60	+	+
Honington	586	00563	59	ffFFf	+
Wattisham	590	00533	57	ff	+
Gorleston	497				
Aberporth	502	00523	55	+	+
Filton	628	00533	53	ff	ff-ff
Rhoose	715	00523	53	+	ff
Hartland Point	703	00533	53		
Mount Batten	827	00513	55	+	+
St.Mawgan	817	00513	53	+	+
Scilly	804	00030	00	+	+
Culdrose	809	02002	53	ir₀r₀r₀	r₀r₀
Guernsey	894	00023	53	+	+
Elmdon	534	00573	58	FF	Fifff
Cardington	559	00553	58	fFF	FF
Wittering	462	00563	57	F	FFf
Watnall	354	00553	61	ffFF	ffFF
Shawbury	414	00553	59	FFff	ff
Finningley	360	00563	59	fFF	FFff
Spurn Point	396			+	ffFF
Leeming	257	00553	55	FF	FF
Tynemouth	262	00523	54	+	+
Carlisle	222	00513	55	+	+
Valley	302	00513	55	+	+
Ringway	334	00563	57	fF	f
Squires Gate	318	00543	57	+	f
Ronaldsway	204	00041	00	+	+
Mull of Galloway	131	97051			
Eskdalemuir	162	97563	61	s₀	+
Prestwick	135	91011	52	id₀d₀r₀	d₀r₀r₀r₀
Abbotsinch	140	92521	55	d₀r₀d₀r₀	d₀r₀d₀r₀
Leuchars	171	91513	55	d₀r₀	+
Dyce	091	00533	57	+	+
Lerwick	005	97031	51	pr₀	+
Wick	075	00033	51	+	+
Sule Skerry	010	00060	05		
Cape Wrath	049	00050	02	+	+
Stornoway	026	97061	04	pr₀	pr₀
Benbecula	022	01061	04	pr₀r₀r₀	pr₀r₀
Tiree	100	00061	04	+	+
Aldergrove	917	00031	51	+	+
Malin	980	0004	00		
Belmullet	976	0606	06		
Birr	965	9703	50		
Dublin	969	9703	52		
Shannon	962	9704	02		
Roches Point	952	9708	05		
Valentia	953	0207	03		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19001	62710	98032	29004	58530	00112	/////	/////	05553	10681	3//05	///07
L	99570	70193	19004	83138	96606	03306	854//	00230	85710	88625	0//01	11072	30404	25908
M	99663	10011	19004	32727	98016	02805	35500	00329	83625	/////	0//01	10625	30506	/////
R	99471	70171	19004	53322	97016	15309	52500	00704	85820	/////	0//07	11279	30706	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19061	52405	98031	27604	12530	00711	/////	/////	05450	10697	3//01	///06
L	99570	70198	19064	52920	98036	06906	52400	71210	85814	/////	0//51	11081	30404	25908
M	99664	10014	19064	52615	98011	06705	28538	00212	81820	83358	0//02	10654	30403	25805
R	99470	70169	19064	33623	97021	12309	32500	00517	83820	/////	0//06	11234	30706	30804

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42762

Date of Issue WEDNESDAY 20 DECEMBER 1978

OBSERVATIONS at 12h. 19 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_Sc_hh_s$	$8N_Sc_hh_s$	$8N_Sc_hh_s$
Boscombe Down	746	10612	58050	16101	00901	52722	81072		
Hurn	862	10407	40050	15301	00901	52725	81070		
Manston	797	70616	72031	15805	00905	54826	87072		
Gatwick	776	40812	68030	15603	00904	54726	84075		
Kew	775	20708	56054	16103	00901	52825	82075		
Heathrow	772	20512	58030	16103	00901	51824	82075		
Honington	586	10507	60030	18002	00901	51822	81075		
Wattisham	590	10507	60020	17902	00901	51821	81075		
Gorleston									
Aberporth	502	11411	86020	16702	18500	56813	81820		
Filton	628	70407	15404	17052	760//	53821	83701	87702	
Rhoose	715	10510	56041	16550	16300	52821	81706		
Hartland Point	703	10814	80020	15201	11500	52813	81820		
Mount Batten	827	10507	62050	14602	11500	53819	81825		
St.Mawgan	817	10908	80020	14603	12531	53717	81820		
Scilly	804	20914	81011	13908	12501	01713	81821		
Culdrose	809	30611	75020	13904	11401	01719	81818	83070	
Guernsey	894	40914	62011	12401	45400	53817	81712	84625	
Elmdon	534	90305	04494	19853	9////	54816	89///		
Cardington	559	00404	04424	18153	00900	53822			
Wittering	462	00105	12284	19152	00900	53817			
Watnall	354	90304	01494	19853	9////	53815	89///		
Shawbury	414	80000	03464	19454	860//	54810	88701		
Finningley	360	90000	01494	19952	9////	52811	89///		
Spurn Point	396	00000	00464	20351	00900	51712			
Leeming	257	91707	01494	20353	9////	53808	89///		
Tynemouth	262	02305	17050	19400	00900	51706			
Carlisle	222	11606	65020	18302	00901	51808	81075		
Valley	302	11006	83020	17304	11540	50810	81820		
Ringway	334	20000	00484	19953	26100	54809	82702		
Squires Gate	318	11211	15284	18951	16100	52810	81702		
Ronaldsway	204	11607	84021	17506	18401	01807	81815		
Mull of Galloway	131	72015	70022	16305	784//	03501	82715	87625	
Eskdalemuir	162	00000	58051	19052	00900	53810			
Prestwick	135	71814	70026	16803	754//	00501	81618	86637	
Abbotsinch	140	71605	62046	16804	754//	51000	81618	83624	87642
Leuchars	171	73002	68031	17203	756//	51801	81630	87656	
Dyce	091	21710	56051	15902	25640	01802	82645		
Lerwick	005	52008	81021	12705	48431	03001	81815	84640	
Wick	075	11913	81020	12706	18501	03000	81820		
Sule Skerry	010	61812	82031	11008	655//	05303	86625		
Cape Wrath	049	52313	84031	10007	55500	07302	85620		
Stornoway	026	82024	62608	09808	853//	07305	82709	85617	88630
Berbecula	022	82019	75216	10008	854//	06107	84710	88615	
Tiree	100	81926	80036	12408	6842/	04005	81814	83616	85640
Aldergrove	917	21912	65011	15606	25601	03001	81630		
Malin	980	71918	81031	13606	756//	02013	84638	85648	
Belmullet	976	81409	76606	12007	7637/	06107	81707	85719	87459
Birr	965	11609	81011	14406	18502	02005	81820		
Dublin	969	51509	75036	15307	12502	03807	81822	85070	
Shannon	962	51306	80022	13606	58532	04001	81825	85650	
Roches Point	952	71512	75022	14008	784//	04805	81819	87639	
Valentia	953	81610	75808	12309	885//	06002	85821	88640	

OBSERVATIONS at 18h. 19 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_Sc_hh_s$	$8N_Sc_hh_s$	$8N_Sc_hh_s$
Boscombe Down	746	60210	56051	12651	00901	53709	86075		
Hurn	862	23504	40050	12252	00901	53606	82070		
Manston	797	60914	70012	12104	00902	53609	86070		
Gatwick	776	70403	62031	12001	00902	52608	87075		
Kew	775	60511	70021	12403	00901	53712	86075		
Heathrow	772	60208	63021	12103	00902	53713	82072	86075	
Honington	586	70310	62031	14300	00902	53715	87075		
Wattisham	590	70411	66021	13901	00902	53716	87075		
Gorleston	497	60820	66022	15006	40921	52713	84458	83075	
Aberporth	502	11414	80020	14202	10931	54708	81365		
Filton	628	50413	22054	14052	56200	53805	85703		
Rhoose	715	20411	56040	14052	10931	54704	81362		
Hartland Point	703	50815	62051	12301	12544	53505	81820	85075	
Mount Batten	827	40507	56050	11900	45600	55801	84630		
St.Mawgan	817	10906	62050	12452	00902	57704	81075		
Scilly	804	40914	80030	11403	31501	51704	83821		
Culdrose	809	20409	56050	11851	28400	55503	81815		
Guernsey	894	40807	60011	09800	48400	52608	81815	84620	
Elmdon	534	80106	05484	15953	860//	53708	88700		
Cardington	559	50311	35104	14351	00902	51811	85075		
Wittering	462	23611	45100	15952	00901	53610	82075		
Watnall	354	80108	05424	16952	860//	53809	88700		
Shawbury	414	80602	11287	16953	860//	54609	83701	88702	
Finningley	360	93506	00494	17752	9////	53706	89///		
Spurn Point	396	10612	56014	17105	00901	51714	81075		
Leeming	257	90000	00494	18655	9////	56604	89///		
Tynemouth	262	02008	39050	18153	00900	53603			
Carlisle	222	00000	26040	16852	00900	53704			
Valley	302	10907	82020	14950	10930	53707	81365		
Ringway	334	11105	15284	17052	16000	55710	81700		
Squires Gate	318	20707	30040	17255	10931	57706	81362		
Ronaldsway	204	11109	82020	15804	12401	50602	81819		
Mull of Galloway	131	41908	70011	15404	42500	02301	84825		
Eskdalemuir	162	10000	62020	17355	15601	57803	81635		
Prestwick	135	71408	59042	15501	755//	51803	81620	87646	
Abbotsinch	140	73603	50042	15502	756//	01604	82632	87642	
Leuchars	171	30000	62021	16151	35700	52704	83650		
Dyce	091	11306	35040	15000	00901	51601	81070		
Lerwick	005	82108	75031	12806	856//	04204	88640		
Wick	075	42211	82011	12705	28430	03500	81818	83358	
Sule Skerry	010	82019	80032	11009	884//	06205	81815	88625	
Cape Wrath	049	82337	80022	09507	855//	07313	88620		
Stornoway	026	81910	70216	11207	853//	06311	81709	83617	88632
Berbecula	022	73105	82038	11107	784//	05210	81818	85630	87650
Tiree	100	81919	62606	12007	4742/	05400	84712	88537	
Aldergrove	917	21508	65011	14503	12531	02602	81820		
Malin	980	81816	70606	12806	6567/	03301	86640	87459	
Belmullet	976	80000	75606	11706	863//	06102	81708	85717	86638
Birr	965	81306	70031	13305	856//	03400	88632		
Dublin	969	11403	59101	14404	15600	02601	81638		
Shannon	962	81406	80032	12506	856//	04703	82630	88640	
Roches Point	952	81213	70606	13007	854//	03001	83715	88633	
Valentia	953	71209	70258	11608	785//	05201	83821	87640	

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_EE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00023	064	+	+
Hurn	862	00023	040	+	+
Manston	797	00063	064	+	+
Gatwick	776	00043	068	+	+
Kew	775	00043	050	+	+
Heathrow	772	97041	037	+	+
Honington	586	00033	037	+	+
Wattisham	590	00033	060	+	+
Gorleston	497		052		
Aberporth	502	00043	069	+	+
Filton	628	00523	000	jfif	~~j~~f
Rhoose	715	00013	064	+	+
Hartland Point	703	00023	069		
Mount Batten	827	00043	053	+	+
St.Mawgan	817	00033	074	+	+
Scilly	804	00080	059	+	+
Culdrose	809	00043	064	+	+
Guernsey	894	00023	023	+	+
Elmdon	534	00523	000	ffifff	ffiff
Cardington	559	00003	019	FFff	+
Wittering	462	00003	042	ff	+
Watnall	354	00523	000	FF	ff
Shawbury	414	97523	000	ffs₀FF	FFff
Finningley	360	00523	000	fFF	FF
Spurn Point	396			FFff	FF
Leeming	257	00533	000	FFff	FF
Tynemouth	262	00013	049	+	+
Carlisle	222	00043	060	+	+
Valley	302	00073	069	+	+
Ringway	334	00513	001	ffFF	FFif
Squires Gate	318	00503	035	ffif	+
Ronaldsway	204	00061	061	+	+
Mull of Galloway	131	00061			
Eskdalemuir	162	00013	049	+	+
Prestwick	135	97043	000	r₀r₀	+
Abbotsinch	140	97041	001	d₀r₀d₀r₀	+
Leuchars	171	00033	012	+	+
Dyce	091	00033	035	+	+
Lerwick	005	00061	032	+	+
Wick	075	97061	046	+	ir₀
Sule Skerry	010	00091			
Cape Wrath	049	00081	008	+	+
Stornoway	026	05081	000	pr₀d₀r₀	ir₀ir
Berbecula	022	03081	000	ir₀prR	r₀
Tiree	100	03081	000	r₀ir₀	r₀r₀rr₀
Aldergrove	917	00071	048	+	+
Malin	980	9707	005		
Belmullet	976	0307	000		
Birr	965	9707	041		
Dublin	969	9107	049		
Shannon	962	9709	013		
Roches Point	952	9108	000		
Valentia	953	0109	000		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

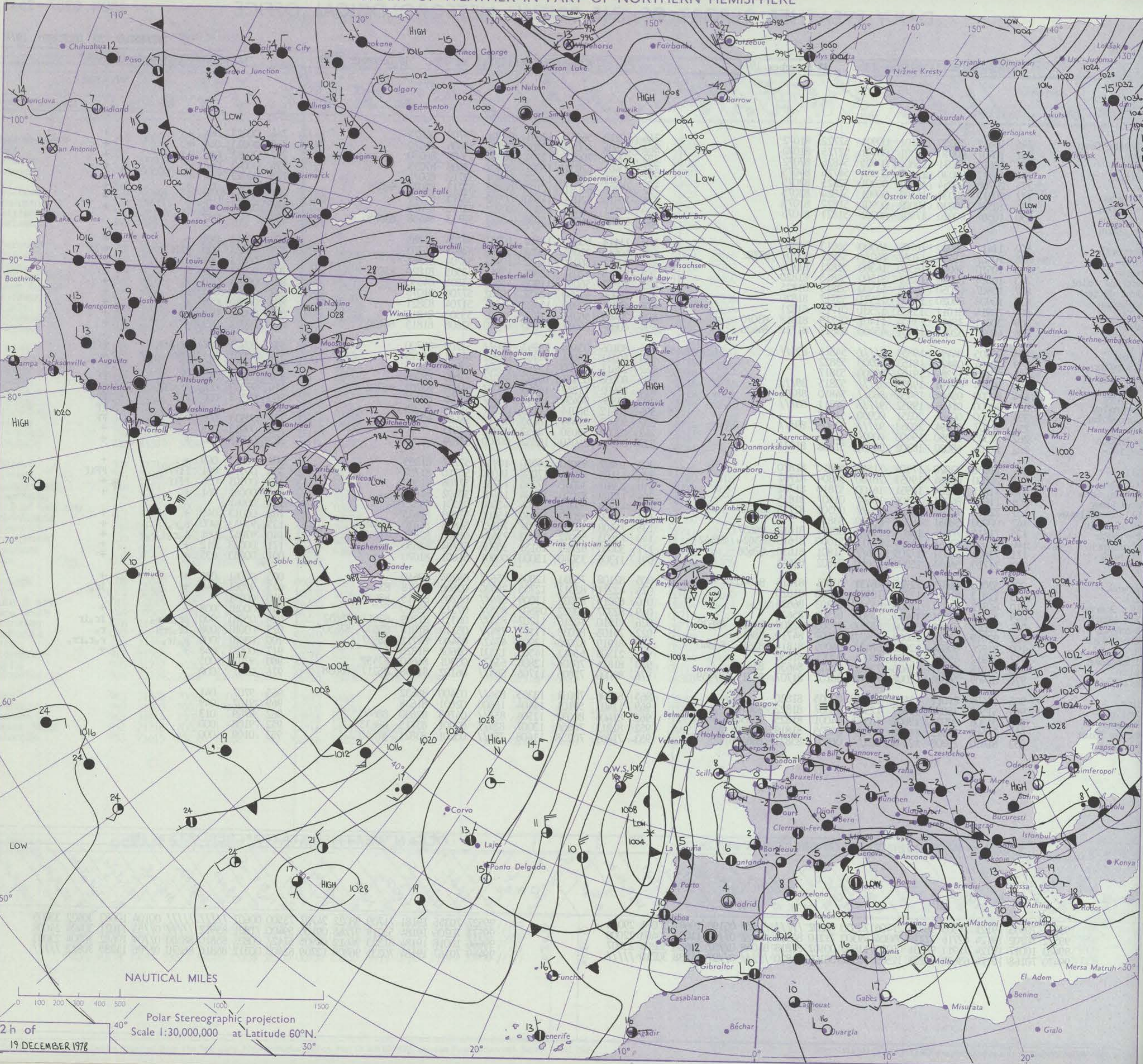
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_saPP	$8N_Sc_hh_s$	$8N_Sc_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	19121	71505	98031	27406	75500	00802	/////	/////	05103	10681	30201	29006
	99572	70202	19124	42716	97278	09804	49300	71210	84909	/////	0//00	11033	30403	22008
	99663	10017	19124	71911	98031	09205	11436	00107	81818	84068	0//02	10686	30201	23007
	99470	70168	19124	63628	97251	12509	58542	00102	84820	/////	0//07	11288	30710	/////

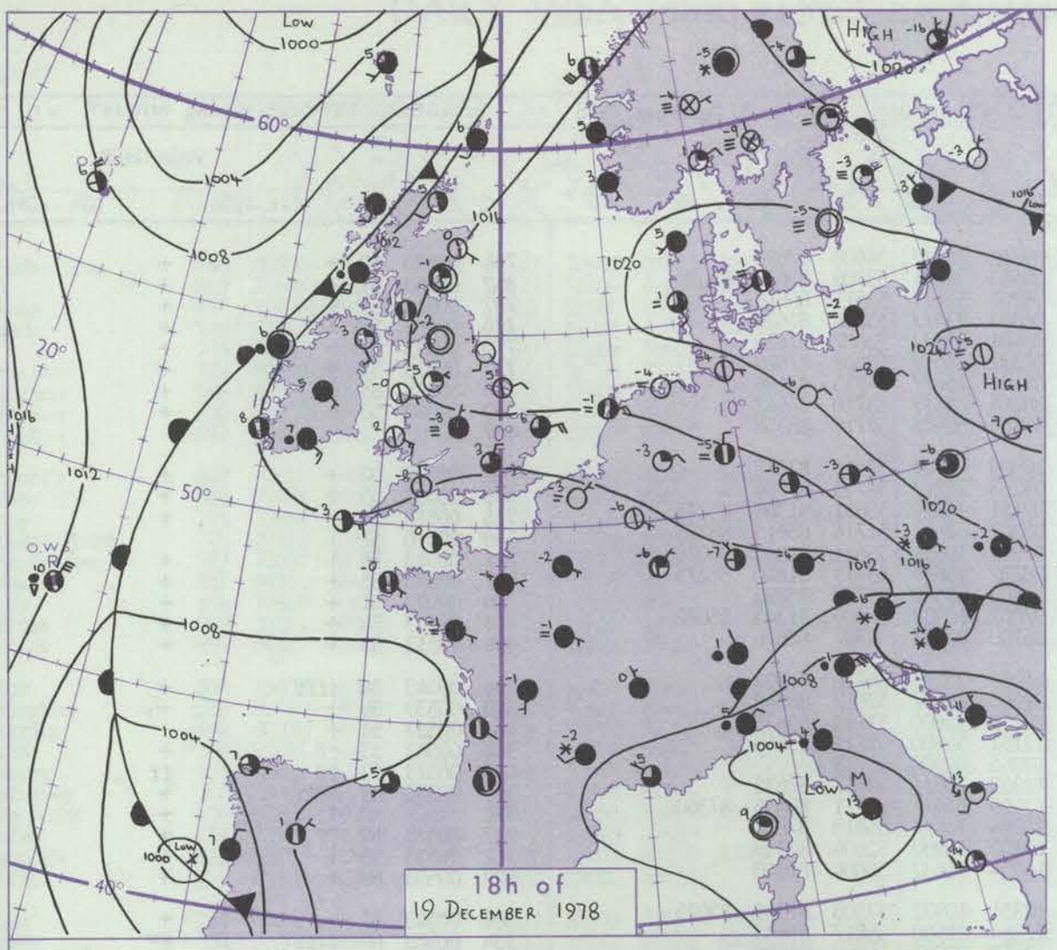
OCEAN WEATHER STATION REPORTS at 18h.

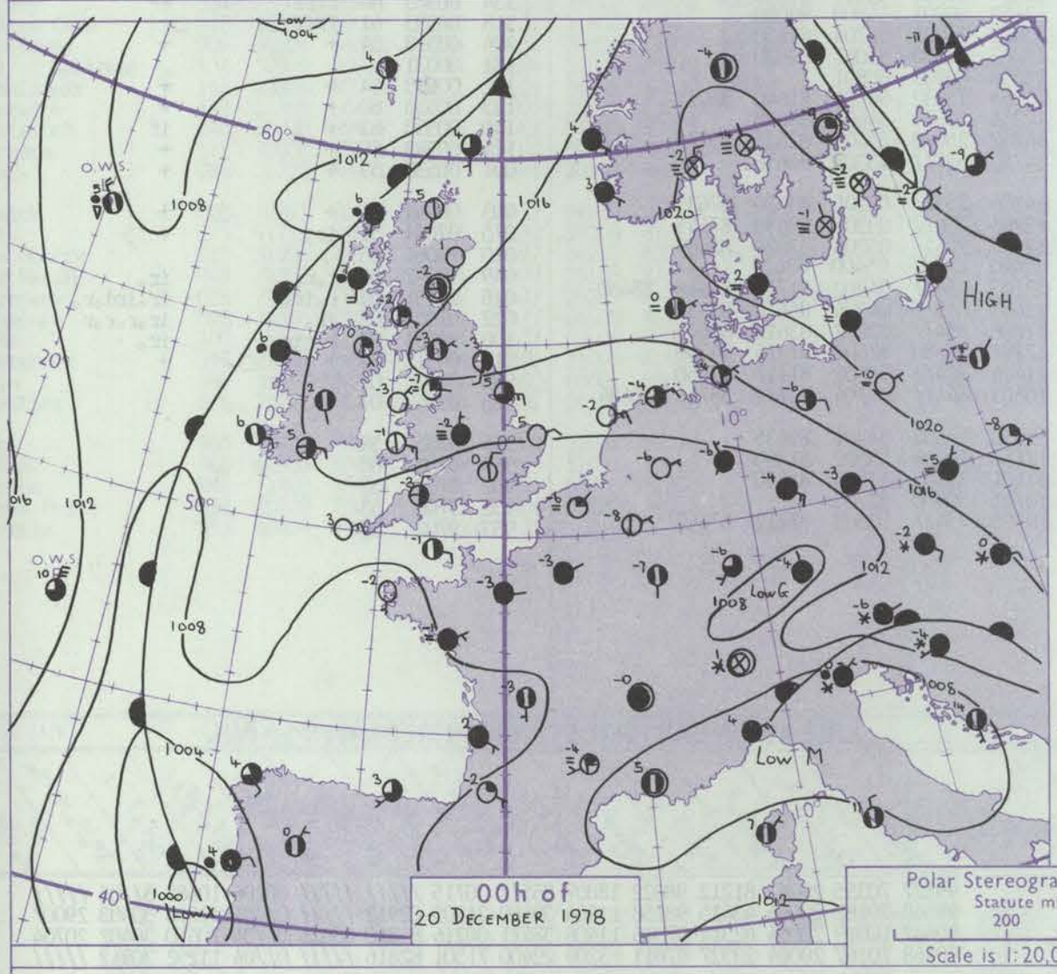
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_saPP	$8N_Sc_hh_s$	$8N_Sc_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	19181	71709	98022	24707	75500	00607	/////	/////	00104	10683	30402	33005
	99573	70206	19184	53219	97268	09106	59400	71801	85912	/////	0//53	11021	30404	24008
	99666	10018	19184	81323	96612	08905	5742/	00803	85810	88550	0//04	10682	30504	23003
	99469	70167	19184	70231	96808	12709	62408	00312	86816	86270	0//06	11289	30812	/////

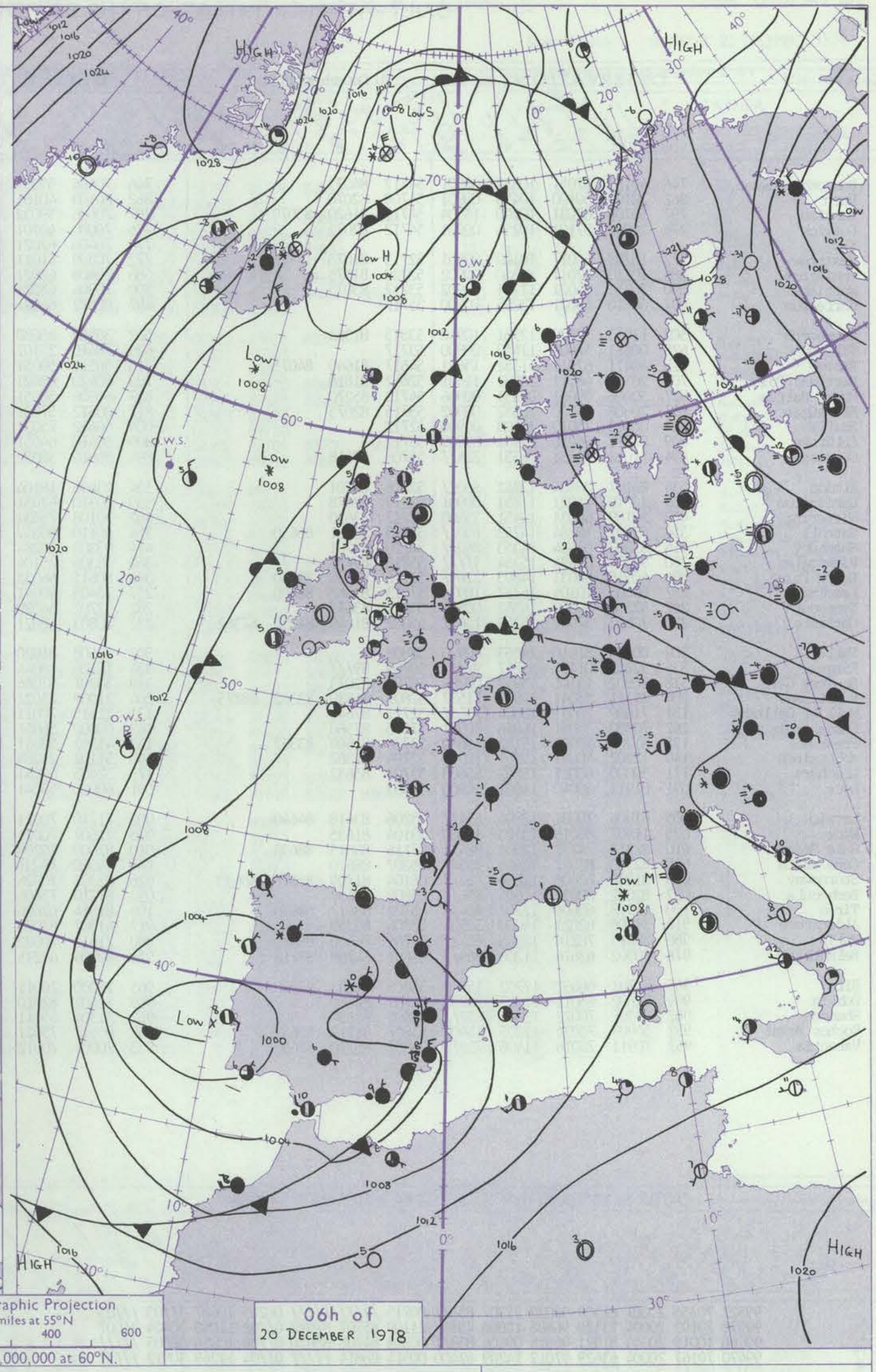
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 20 DECEMBER 1978

During the past 24 hours a depression between northwest Scotland and Iceland has moved slowly north, while the associated cold front affected western and northern areas of the British Isles. A ridge of high pressure from an anticyclone over eastern Europe has been maintained over southern and central England, while the anticyclone has moved away east.

During the next 24 hours the low to the northwest is expected to move east to central Norway while the cold front continues to affect north Scotland. The ridge of high pressure over central areas of England will gradually decline, to be replaced by a broad trough extending northwards from a depression in the western Mediterranean.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

OBSERVATIONS at 00h. 20 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	40107	57051	10852	00901	54712	84075		
Hurn	862	20105	50100	10453	00901	54709	82070		
Manston	797	50708	62031	10200	15504	54712	81620	85070	
Gatwick	776	20000	57101	10254	00901	54712	82075		
Kew									
Heathrow	772	10208	60011	10100	00901	52713	81075		
Honington	586	10210	62011	11350	00902	52720	81075		
Wattisham	590	30311	64021	11251	00902	53717	83075		
Gorleston	497	00610	66021	12205	00900	55717			
Aberporth	502	11013	70020	12951	10940	53815	81363		
Filton	628	00611	57051	11453	00900	53717			
Rhoose	715	40411	62011	11351	15631	54617	81640	84075	
Hartland Point	703	20513	66011	10801	11401	52612	81818		
Mount Batten	827	50406	59051	09951	00906	54712	85270		
St.Mawgan	817	20608	57020	10552	00902	55715	82075		
Scilly	804	00613	75010	10003	00900	52712			
Culdrose	809	00511	56050	09951	00900	53712			
Guernsey	894	71012	59051	08351	754//	55706	87618		
Elmdon	534	80107	08484	13752	860//	52816	88701		
Cardington	559	20310	61021	11851	00901	52619	82078		
Wittering	462	30109	60031	13451	35500	52717	83620		
Watnall	354	63607	10284	14753	650//	53813	82701	86650	
Shawbury	414	83303	04484	14353	860//	54720	88701		
Finningley	360	93306	00494	15354	9////	55813	89///		
Spurn Point	396	60916	60031	14805	2269/	51716	82830	85360	
Leeming	257	60000	10104	16757	10934	57813	81368	86080	
Tynemouth	262	32508	30050	16552	00901	55811	83075		
Carlisle	222	70603	57041	16353	1567/	55602	81640	84358	87362
Valley	302	00404	81010	14053	00900	57808			
Ringway	334	92802	01474	15857	9////	59709	89///		
Squires Gate	318	20902	13101	15957	00902	58708	82073		
Ronaldsway	204	81111	58041	14903	11537	52807	81820	83362	88275
Mull of Galloway	131	71609	70031	13804	756//	52711	87640		
Eskdalemuir	162	70000	35051	16856	7095/	57805	87360		
Prestwick	135	31207	59041	15152	15630	53706	81640	83362	
Abbotsinch	140	12202	40041	15051	10930	52704	81362		
Leuchars	171	50000	60021	15652	55600	53703	85632		
Dyce	091	01911	59040	14901	00900	51503			
Lerwick	005	61906	70031	13804	654//	03206	83618	84640	
Wick	075	11907	80016	13405	15600	03104	81635		
Sule Skerry	010	82313	74252	12608	884//	07116	84815	88630	
Cape Wrath	049	82310	82022	12406	855//	05207	88620		
Stornoway	026	81906	62606	12206	853//	06104	81709	85617	88630
Berbecula	022	82002	80212	11605	856//	05802	88637		
Tiree	100	81918	60606	12207	854//	05702	83617	88640	
Aldergrove	917	31406	62021	14000	30930	53706	83359		
Malin	980	81615	70216	12505	6572/	01704	86650	88459	
Belmullet	976	80902	62616	11206	863//	05801	84708	88716	
Birr	965	71701	66032	12702	15606	50806	81633	87270	
Dublin	969	22602	65011	13503	20930	51707	82360		
Shannon	962	81307	70022	12005	857//	02806	88650		
Roches Point	952	50909	75036	12205	55400	53807	81712	85632	
Valentia	953	70911	70016	11406	755//	03802	81720	87650	

OBSERVATIONS at 06h. 20 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70406	59051	09052	755//	54608	87620		
Hurn	862	60103	40101	08453	55601	53709	85630	84070	
Manston	797	70606	59032	08201	654/1	53511	86616		
Gatwick	776	70000	40101	08853	755//	53506	87626		
Kew	775	70406	62021	08401	755//	53607	87625		
Heathrow	772	70309	61011	08301	755//	53609	87620		
Honington	586	70408	62021	09101	756//	54713	87646		
Wattisham	590	70306	62021	09200	756//	53710	87642		
Gorleston	497	80622	66021	09405	8097/	57716	88358		
Aberporth	502	30509	65030	10900	00901	52810	83075		
Filton	628	70410	25101	09253	762//	53713	87704		
Rhoose	715	50511	59051	09151	10936	53611	81360	85275	
Hartland Point	703	80420	62021	08202	52407	51714	85815	88275	
Mount Batten	827	60506	58051	07951	10936	53611	81365	86070	
St.Mawgan	817	80512	57031	08252	15637	53711	81640	88275	
Scilly	804	60612	75031	07803	68500	53708	85820		
Culdrose	809	50410	64051	07852	10932	54609	81365	85070	
Guernsey	894	80910	58052	06700	854//	54507	88616		
Elmdon	534	23605	18104	11053	25200	54716	81703		
Cardington	559	80310	62031	09500	856//	52612	88649		
Wittering	462	50108	75031	10750	55600	51713	85635		
Watnall	354	50110	56052	12151	55600	52712	85640		
Shawbury	414	03303	10284	12055	00900	55719			
Finningley	360	73305	25104	12353	756//	53717	87632		
Spurn Point	396	80615	66032	12405	6567/	50711	86635	87360	
Leeming	257	73405	40041	14254	756//	55815	87630		
Tynemouth	262	32702	66020	15150	30930	52604	83358		
Carlisle	222	20803	62021	14654	15632	56604	81640		
Valley	302	30508	81020	12351	10932	53503	81365	83075	
Ringway	334	10106	18044	12854	15600	55817	81635		
Squires Gate	318	30207	57044	13653	00901	54808	83080		
Ronaldsway	204	21009	75021	13402	15702	52704	81650		
Mull of Galloway	131	21513	70011	13203	25600	51001	82630		
Eskdalemuir	162	00000	56051	15858	00900	60801			
Prestwick	135	41502	58041	14353	15632	54301	81640	84075	
Abbotsinch	140	51102	25284	14354	55600	54601	85638		
Leuchars	171	52405	50041	14752	25608	54400	82635	85275	
Dyce	091	60000	58041	14752	657//	53302	86656		
Lerwick	005	71710	70021	14206	755//	03205	83620	87635	
Wick	075	71607	70021	13205	756//	03301	83630	87645	
Sule Skerry	010	82009	70208	12507	2552/	05203	82620	88460	
Cape Wrath	049	82302	84216	12405	855//	05400	88620		
Stornoway	026	82303	70026	12105	4547/	04202	81710	84618	88460
Berbecula	022	81210	75606	11605	854//	04304	85618	88631	
Tiree	100	81814	62606	11806	854//	02202	83616	88645	
Aldergrove	917	41307	63021	12701	15530	52602	81625	84360	
Malin	980	71613	70022	11404	784//	00802	81717	87650	
Belmullet	976	80904	68215	10505	864//	04704	83712	85716	86634
Birr	965	10000	70011	12053	15600	54501	81635		
Dublin	969	12602	82020	12150	10930	55502	81360		
Shannon	962	31304	65011	11101	35700	51505	83650		
Roches Point	952	00510	75021	10701	00900	52703			
Valentia	953	70000	70012	10105	754//	03803	82717	87640	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00533	59	+	+
Hurn	862	00553	57	+	+
Manston	797	00513	53	+	+
Gatwick	776	00563	58	+	+
Kew	775	00513	57	+	+
Heathrow	772	00513	53	+	+
Honington	586	00523	55	+	+
Wattisham	590	00523	53	+	+
Gorleston	497				
Aberporth	502	00523	60	+	+
Filton	628	00533	55	+	+
Rhoose	715	00513	55	+	+
Hartland Point	703	00510	52		
Mount Batten	827	00513	58	+	+
St.Mawgan	817	00533	55	+	+
Scilly	804	00023	51	+	+
Culdrose	809	00523	54	+	+
Guernsey	894	00513	53	+	+
Elmdon	534	00543	56	ifff	+
Cardington	559	00533	56	+	+
Wittering	462	00523	54	+	+
Watnall	354	00543	55	ff	+
Shawbury	414	00573	62	ff	ff
Finningley	360	00553	55	FFff	+
Spurn Point	396			+	+
Leeming	257	00573	59	FF	+
Tynemouth	262	00533	55	+	+
Carlisle	222	00553	60	+	+
Valley	302	00543	61	+	+
Ringway	334	00583	60	ffFF	FF
Squires Gate	318	00593	61	fFif	+
Ronaldsway	204	00513	54	+	+
Mull of Galloway	131	00021			
Eskdalemuir	162	00553	64	+	+
Prestwick	135	00553	60	+	+
Abbotsinch	140	00553	62	+	if
Leuchars	171	00543	59	+	+
Dyce	091	00533	59	+	+
Lerwick	005	00041	01	+	+
Wick	075	97041	51	ir.	+
Sule Skerry	010	93061	05		
Cape Wrath	049	92042	05	r.r.	ir.
Stornoway	026	02051	03	r.ir.	ir.ird.r.
Berbecula	022	01041	02	ir.	ir.r.r.r
Tiree	100	96051	03	r.rir.	ir.
Aldergrove	917	00513	54	+	+
Malin	980	0203	01		
Belmullet	976	0504	04		
Birr	965	9755	59		
Dublin	969	9752	60		
Shannon	962	9700	52		
Roches Point	952	9700	53		
Valentia	953	9702	00		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20001	81509	98022	22307	855//	00715	/////	/////	00205	10687	3//03	///05
L	99570	70193	20004	73120	96808	10805	793//	21109	85707	87912	0//02	11043	30404	24007
M	99666	10019	20004	81921	96616	09406	853//	00305	84708	88620	0//06	10655	30505	/////
R	99470	70167	20004	63629	97012	14209	62400	00314	86814	/////	0//04	11269	30912	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20061	81212	98022	18807	855//	00715	/////	/////	00206	10687	3//05	/////
L	99568	70182	20064	43415	98158	11404	39460	21305	82912	/////	0//01	11006	30403	29007
M	99667	10019	20064	62314	97016	11406	38471	00216	81810	83625	0//04	10650	30402	20704
R	99468	70167	20064	23327	97011	13209	22400	71501	82816	/////	0//04	11292	30912	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42763

Date of Issue THURSDAY 21 DECEMBER 1978

OBSERVATIONS at 12h. — 20 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80506	35772	08750	855//	52802	82623	88650	
Hurn	862	70406	50101	08001	4562/	51804	82630	84645	86460
Manston	797	82205	20717	07951	3542/	51000	83616	88459	
Gatwick	776	83202	40772	08050	854//	51805	81618	88630	
Kew	775	80205	50702	07801	855//	52806	88620		
Heathrow	772	80205	35707	07701	854//	51706	83618	88650	
Honington	586	80307	48685	07900	854//	51806	86619	88630	
Wattisham	590	80508	58222	08001	855//	53706	84622	88650	
Corleston	497	80910	58022	08402	855//	53603	88625		
Aberporth	502	70612	64021	10102	18538	53814	81820	87275	
Filton	628	80408	30052	08751	856//	52608	83635	88645	
Rhoose	715	80610	60032	08801	4557/	52806	81625	84645	88359
Hartland Point	703	80518	62032	07602	6557/	51709	86620	88460	
Mount Batten	827	70607	57052	07002	25671	53711	82630	84362	86075
St.Mavgan	817	80310	58032	07550	856//	53808	88635		
Scilly	804	70619	65022	07204	6257/	00807	86820	87460	
Culdrose	809	80511	58052	07300	35638	53806	83640	85362	86272
Guernsey	894	81107	57052	06701	854//	52801	88613		
Elmdon	534	73605	25101	09750	655/8	51813	82625	86645	
Cardington	559	80410	59772	08201	854//	50811	83615	88635	
Wittering	462	80310	50586	09002	852//	00713	83705	86706	88620
Watnall	354	83611	40051	10002	3567/	53816	83640	86360	88462
Shawbury	414	73407	13104	10852	25531	53815	82625	84364	87075
Finningley	360	83406	35042	10601	855//	51815	82626	85632	88650
Spurn Point	396	80420	68256	10105	6857/	02806	86820	88360	
Leeming	257	73507	35102	13050	756//	51810	87630		
Tynemouth	262	81009	80021	14105	4567/	01602	84630	88358	
Carlisle	222	60103	62031	14451	656//	53101	86630		
Valley	302	60507	58051	12002	11532	50806	81825	86075	
Ringway	334	73505	18041	11601	45632	52812	84635	87070	
Squires Gate	318	60207	30041	12800	18432	51807	81815	86072	
Ronaldsway	204	60207	64021	13204	12631	00802	81830	86080	
Mull of Galloway	131	50909	80031	13404	12506	51001	81820	85275	
Eskdalemuir	162	43504	80030	15151	25601	56001	82630	84075	
Prestwick	135	21303	56040	14851	00901	55104	82075		
Abbotsinch	140	30000	09414	15354	00901	54205	83075		
Leuchars	171	10000	28101	16051	15602	52108	81640		
Dyce	091	21702	56041	16002	15501	50307	81620		
Lerwick	005	71911	70018	16505	3843/	01210	81710	87360	
Wick	075	41712	78011	15005	15632	53209	81645	83072	
Sule Skerry	010	81606	78205	14507	5857/	06210	83820	84625	88458
Cape Wrath	049	72302	80022	14206	765//	05109	87720		
Stornoway	026	72205	70026	13905	5547/	05209	81710	85640	86359
Berbecula	022	71806	75216	12905	784//	04108	81715	87635	
Tiree	100	71614	62016	12906	6853/	03106	82820	85650	
Aldergrove	917	21307	58040	13404	18501	51005	81825		
Malin	980	31611	80011	12605	35600	00007	83638		
Belmullet	976	71201	80216	11305	7543/	04102	81712	87640	
Birr	965	11102	80020	12400	00902	52004	81070		
Dublin	969	60905	80031	12304	25505	51001	82628	85270	
Shannon	962	11303	70020	12203	15731	52006	81650		
Roches Point	952	70209	70031	10703	11406	00803	81819	85272	
Valentia	953	40404	75011	10505	12532	01002	81823	83070	

OBSERVATIONS at 18h. — 20 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80000	14777	06451	850//	51706	84701	88645	
Hurn	862	80302	30102	06200	856//	50603	88631		
Manston	797	81613	40057	07601	854//	52309	85711	85618	88640
Gatwick	776	80802	20047	06850	855//	52102	83626	88643	
Kew	775	81502	25057	06600	855//	51303	84620	88635	
Heathrow	772	81202	34227	06400	862//	00301	85704	87706	
Honington	586	81207	20707	07450	852//	51303	85704	88624	
Wattisham	590	81004	15227	07651	852//	51306	82703	84616	88628
Corleston	497	81516	58027	08303	874//	52308	88715		
Aberporth	502	80314	65032	07603	5557/	00712	85628	88358	
Filton	628	80303	08717	06200	872//	50610	88703		
Rhoose	715	93602	07717	06700	9////	51610	89/02		
Hartland Point	703	80516	62027	06102	4557/	51501	84620	88460	
Mount Batten	827	80706	30715	05701	7552/	52703	87628	88460	
St.Mavgan	817	80205	40702	05950	856//	52502	88635		
Scilly	804	80618	60502	05303	875//	00501	88720		
Culdrose	809	80408	40717	05700	6532/	51802	82706	83709	85620
Guernsey	894	81606	58057	05402	854//	52801	84615	88620	
Elmdon	534	90304	09737	06300	9////	00612	89///		
Cardington	559	80906	15717	06851	872//	51500	88705		
Wittering	462	81007	08717	07451	860//	51301	88701		
Watnall	354	80410	15717	06800	870//	50611	88701		
Shawbury	414	83512	06737	07101	872//	50718	88703		
Finningley	360	80205	45586	07401	872//	01613	83703	85707	88709
Spurn Point	396	80918	56026	08003	874//	01505	88715		
Leeming	257	80212	50216	09802	856//	01713	88640		
Tynemouth	262	80932	69818	11405	5352/	02710	85925	88458	
Carlisle	222	80210	50042	11201	855//	50816	82620	88635	
Valley	302	80108	59052	09103	5557/	01715	85628	88360	
Ringway	334	80210	35586	07902	854//	01617	84710	88640	
Squires Gate	318	80211	56602	09503	855//	00715	84625	88640	
Ronaldsway	204	80309	63032	10903	58607	01511	81830	85656	88273
Mull of Galloway	131	40615	84011	11603	15605	01709	81630	83275	
Eskdalemuir	162	83607	65021	12401	855//	52713	85620	88630	
Prestwick	135	60906	40041	13851	15538	53602	81625	86275	
Abbotsinch	140	40000	11284	14354	00902	55703	84075		
Leuchars	171	73307	50051	14800	755//	51707	82625	87640	
Dyce	091	83402	40047	15801	854//	51801	81618	85622	88640
Lerwick	005	51806	80018	18405	58400	02213	83815		
Wick	075	21614	60050	16404	16430	01211	81715		
Sule Skerry	010	31605	84015	15606	35600	04208	83630		
Cape Wrath	049	80000	80606	15405	874//	04210	88710		
Stornoway	026	72602	65052	15304	2553/	03209	82625	87358	
Berbecula	022	21407	72011	14302	25600	01210	82630		
Tiree	100	11311	59051	13704	11500	00001	81822		
Aldergrove	917	50704	40041	12701	20932	51803	82360	85070	
Malin	980	11609	72010	13200	15602	52204	81640		
Belmullet	976	60605	80012	11603	5543/	50203	81718	84638	
Birr	965	60201	58101	11451	00902	53703	86070		
Dublin	969	70205	80022	10704	55602	51704	85635	86070	
Shannon	962	20000	70021	11400	15602	53303	81630		
Roches Point	952	73410	70012	10202	15606	50002	81640	87272	
Valentia	953	10000	82011	10301	10931	51203	81360		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01507	000	shsh	shshs$_o$s$_o$ff
Hurn	862	93016	000	+	s$_o$s$_o$
Manston	797	97013	000	s$_o$s$_o$	sh
Gatwick	776	97005	000	shsh	shs$_o$
Kew	775	96016	000	s$_o$s$_o$	s$_o$is$_o$
Heathrow	772	95016	000	shs$_o$s$_o$	s$_o$s$_o$shs$_o$
Honington	586	94037	000	id$_o$r$_o$s$_o$-s$_o$s	ss$_o$s$_o$
Wattisham	590	01017	000	shs$_o$s$_o$	s$_o$s$_o$f
Corleston	497		000		
Aberporth	502	02031	000	+	s$_o$r$_o$rr
Filton	628	04007	000	s$_o$s$_o$	s$_o$s$_o$ss$_o$s$_o$ff
Rhoose	715	02017	000	+	s$_o$s$_o$ff
Hartland Point	703	01036	000		
Mount Batten	827	01027	000	d$_o$s$_o$s$_o$s$_o$	s$_o$s$_o$sh-s
St.Mavgan	817	92017	000	s$_o$	s$_o$s$_o$
Scilly	804	97041	001	+	id$_o$ir$_o$
Culdrose	809	97016	000	+	is$_o$s$_o$s$_o$
Guernsey	894	97030	000	ish	ish
Elmdon	534	05017	000	shs$_o$f	s$_o$s$_o$s$_o$ff
Cardington	559	02027	000	shd$_o$s$_o$s$_o$s$_o$	s$_o$s$_o$ss
Wittering	462	05027	000	d$_o$r$_o$d$_o$r$_o$s$_o$s$_o$	s$_o$s$_o$ffs$_o$s$_o$
Watnall	354	05027	000	shd$_o$r$_o$shr$_o$s$_o$	r$_o$s$_o$r$_o$s$_o$s$_o$s
Shawbury	414	03017	000	ffs$_o$s$_o$	ffs$_o$s$_o$sr$_o$s$_o$s$_o$
Finningley	360	03036	000	r$_o$	r$_o$rrr$_o$s$_o$-s$_o$s
Spurn Point	396			pr$_o$ir$_o$rr	r$_o$r$_o$ir$_o$
Leeming	257	96021	000	r$_o$	r$_o$r$_o$
Tynemouth	262	03062	000	id$_o$pr	prrr
Carlisle	222	96033	012	+	rsr$_o$s$_o$r$_o$s$_o$
Valley	302	95051	002	+	ir$_o$r
Ringway	334	01033	003	jf	d$_o$r$_o$r$_o$s$_o$s$_o$
Squires Gate	318	02031	008	+	rrr$_o$r$_o$
Ronaldsway	204	97041	018	+	r$_o$
Mull of Galloway	131	97041			
Eskdalemuir	162	93021	025	+	s$_o$r$_o$s$_o$rs
Prestwick	135	00023	046	+	+
Abbotsinch	140	00513	003	if	if
Leuchars	171	01031	040	+	r$_o$s$_o$ir$_o$rs
Dyce	091	01033	035	+	r$_o$s$_o$rsr$_o$
Lerwick	005	91061	000	pr$_o$	pr$_o$
Wick	075	97051	031	+	ir$_o$
Sule Skerry	010	97071			
Cape Wrath	049	02061	000	+	ir$_o$
Stornoway	026	97061	000	r$_o$	+
Berbecula	022	96063	000	rrr$_o$r$_o$	+
Tiree	100	97063	000	ir$_o$	+
Aldergrove	917	00043	053	+	+
Malin	980	9706	052		
Belmullet	976	0105	000		
Birr	965	9702	042		
Dublin	969	9705	016		
Shannon	962	9705	061		
Roches Point	952	9704	041		
Valentia	953	9708	056		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

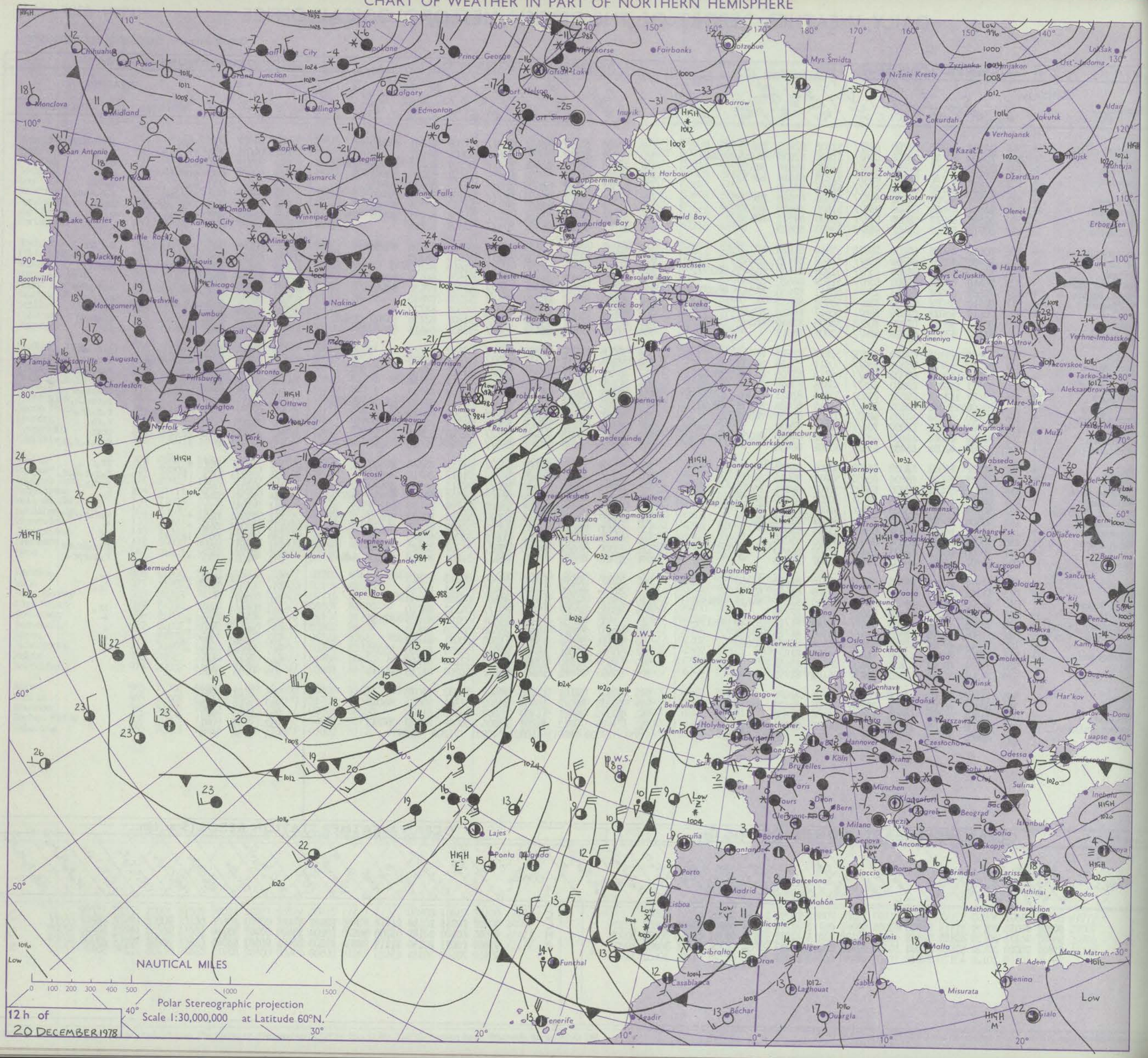
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	20121	81115	97026	15907	855//	00712	/////	/////	00206	10689	30807	19208
	99567	70173	20124	40112	98158	15006	39433	21213	81912	/////	0//51	11040	30302	30008
	99667	10020	20124	52016	98031	14706	11451	00211	81817	85358	0//04	10641	30302	20905
	99470	70169	20124	43120	97018	12208	49460	00503	81915	83820	0//05	11291	30602	34912

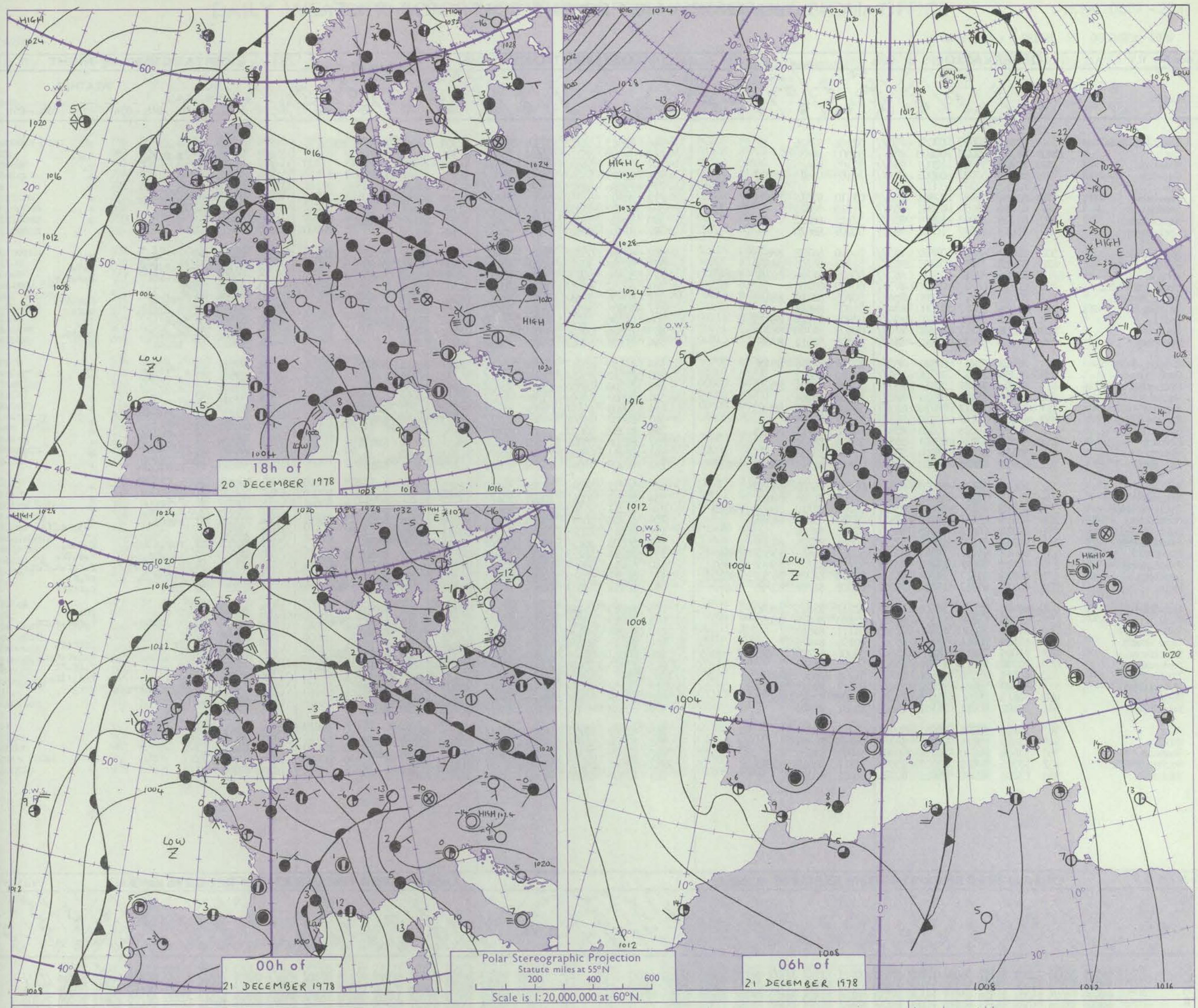
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	20181	81217	97616	12607	8742/	00713	/////	/////	00207	10677	31010	/////
	99566	70170	20184	53106	96878	16104	59400	00307	85910	/////	0//52	11028	30201	32006
	99669	10021	20184	32219	98031	15305	22401	00502	82815	/////	0//02	10617	30503	20904
	99469	70168	20184	43625	97018	10508	49400	00602	82915	83820	0//06	11299	30909	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 21 DECEMBER 1978

During the past 24 hours the complex area of low pressure over Biscay and Spain has been maintained while a trough of low pressure has crossed England, Wales and southern Scotland. The ridge of high pressure from Scandinavia into Scotland has declined; the trough of low pressure over Faeroes has filled as an anticyclone moved east off Greenland.

During the next 24 hours the trough now in the Irish Sea is expected to continue moving westwards and fill while a new low centre and its associated warm front move from France into central England.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

OBSERVATIONS at 00h. 21 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71005	30057	07051	755//	52102	87626		
Hurn	862	81307	59027	06503	856//	51500	88633		
Manston	797	80908	50052	10001	854//	52105	88615		
Gatwick	776	81308	57227	08502	855//	51109	84624	88627	
Kew									
Heathrow	772	81105	35687	07901	854//	01110	81616	88619	
Honington	586	81210	35057	09801	855//	51210	88623		
Wattisham	590	81209	56042	10201	855//	52112	88622		
Gorleston	497	81413	60022	10803	855//	00209	88620		
Aberporth	502	81007	60617	04602	853//	01616	84708	88618	
Filton	628	81002	30227	06151	852//	51302	84705	88620	
Rhoose	715	81206	48287	05701	852//	00605	81704	86707	88645
Hartland Point	703	81210	60687	04600	873//	00710	88708		
Mount Batten	827	80602	30717	05000	854//	50705	83710	88612	
St.Mawgan	817	81006	25717	05000	854//	51607	88617		
Scilly	804	80711	58026	04803	854//	02805	85714	88623	
Culdrose	809	80508	40717	05400	870//	00803	84700	88706	
Guernsey	894	81308	58232	05102	854//	52803	82612	87617	
Elmdon	534	81408	50047	07651	863//	52209	84706	88708	
Cardington	559	81309	25227	08700	856//	51110	88632		
Wittering	462	81106	20107	09151	852//	52109	83704	88620	
Watnall	354	81110	25107	08751	862//	51208	88704		
Shawbury	414	80908	22717	06750	853//	51305	83708	88615	
Finningley	360	81107	35107	09150	863//	51207	88709		
Spurn Point	396	81520	60026	10003	854//	50210	83713	88625	
Leeming	257	81002	50236	09801	856//	51206	88630		
Tynemouth	262	81418	61638	10204	8062/	01500	88530		
Carlisle	222	80911	60687	09303	854//	02615	82711	83618	88635
Valley	302	80614	56636	05503	6732/	02720	86708	88550	
Ringway	334	81111	35227	08100	853//	52209	81708	88614	
Squires Gate	318	80910	45237	07601	854//	00503	82710	86617	88640
Ronaldsway	204	80313	62617	07103	5742/	02722	85710	88556	
Mull of Galloway	131	80528	64616	08303	855//	02825	88620		
Eskdalemuir	162	80213	57607	10001	872//	00814	86705	88709	
Prestwick	135	80412	40717	10701	854//	52820	81615	85622	88640
Abbotsinch	140	80511	57687	11802	6532/	52715	82707	85617	88460
Leuchars	171	80623	62617	13104	853//	03808	82709	86712	88620
Dyce	091	80710	45617	15804	7532/	03002	81707	83710	86612
Lerwick	005	81410	80032	20506	884//	02211	83815	88630	
Wick	075	81306	65216	17505	854//	03105	86619	88650	
Sule Skerry	010	41409	70030	17606	42400	04111	84815		
Cape Wrath	049	41609	80016	16304	45500	00106	84625		
Stornoway	026	71005	70212	15805	755//	04001	81725	87635	
Berbecula	022	10206	83011	14601	15501	50603	81625		
Tiree	100	40511	75030	13401	15702	51706	81650	84075	
Aldergrove	917	80409	56681	10402	854//	00717	82615	88617	
Malin	980	50513	75031	12005	25602	55809	82645	85075	
Belmullet	976	10402	80021	11751	15600	53501	81640		
Birr	965	33201	32101	10053	00902	53714	83070		
Dublin	969	83415	59616	07202	863//	01725	88709		
Shannon	962	33604	66030	10252	00902	54809	83075		
Roches Point	952	53315	70012	08102	25602	51717	82640	85073	
Valentia	953	13203	82030	10051	00901	56801	81070		

OBSERVATIONS at 06h. 21 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80915	58772	07901	854//	51308	82617	86627	88650
Hurn	862	81008	65216	06604	854//	01301	82715	88624	
Manston	797	71011	59032	10802	614/8	51304	86812	87270	
Gatwick	776	70809	56047	09600	755//	51309	82628	87656	
Kew	775	71006	62027	09802	757//	51307	87650		
Heathrow	772	80909	57057	09501	856//	00310	81635	88650	
Honington	586	70807	45052	11500	755//	52304	87624		
Wattisham	590	70907	59032	11401	784//	51204	84818	87626	
Gorleston	497	81310	60022	12602	856//	51304	88630		
Aberporth	502	61516	65037	04901	55402	51309	82712	85622	85072
Filton	628	60908	50057	07000	656//	53308	81630	86656	
Rhoose	715	80808	50237	06701	854//	50310	83710	88638	
Hartland Point	703	81312	69037	04200	855//	51306	88627		
Mount Batten	827	80906	50237	04801	854//	01205	83712	85619	88625
St.Mawgan	817	80906	56027	04201	854//	51301	84710	88625	
Scilly	804	51506	70012	03904	58400	02802	82816	85628	
Culdrose	809	70606	56107	04001	755//	01502	87620		
Guernsey	894	71107	62022	05203	754//	51801	87616		
Elmdon	534	81110	50047	09700	854//	51211	81615	88645	
Cardington	559	71010	45057	10801	756//	51312	87645		
Wittering	462	71208	40052	11500	756//	51311	87636		
Watnall	354	80907	40102	11050	855//	51312	88624		
Shawbury	414	70903	14107	08900	762//	51212	81705	87706	
Finningley	360	81007	35102	11400	855//	50213	84626	88635	
Spurn Point	396	81312	58022	12303	856//	51102	87630		
Leeming	257	81506	28042	12201	855//	50211	85620	88628	
Tynemouth	262	81911	61026	12403	856//	51213	88645		
Carlisle	222	70909	57047	11102	755//	52212	83624	87638	
Valley	302	51212	56046	06701	55500	52312	82625	85640	
Ringway	334	81112	30042	10301	854//	53215	81712	88645	
Squires Gate	318	81011	35042	09801	854//	51214	82710	88615	
Ronaldsway	204	81220	60047	07803	884//	50209	81714	84817	88627
Mull of Galloway	131	81515	70026	07803	855//	00311	88625		
Eskdalemuir	162	80905	56237	11801	863//	52314	83708	88714	
Prestwick	135	71114	62217	10202	754//	00311	81710	83616	87622
Abbotsinch	140	80711	58687	11302	852//	01215	82705	85709	88626
Leuchars	171	81214	60616	12904	853//	02306	82708	87711	88624
Dyce	091	80914	35637	14705	7532/	03702	81706	83707	86610
Lerwick	005	81013	65258	22105	884//	01307	82812	88620	
Wick	075	71019	75027	17206	754//	01502	81714	83630	86645
Sule Skerry	010	80918	74638	18206	3742/	05501	83710	88558	
Cape Wrath	049	81615	80636	16204	875//	04609	88720		
Stornoway	026	80811	65616	15805	6552/	03301	85620	86630	88458
Berbecula	022	70815	75606	13604	5547/	03503	83715	85626	87460
Tiree	100	80417	75608	10904	854//	03713	81712	88656	
Aldergrove	917	81107	50217	07902	853//	01503	82706	88620	
Malin	980	80628	70606	08405	4642/	03615	84712	88459	
Belmullet	976	60213	80031	08105	685//	01719	81820	85640	
Birr	965	83508	32717	06200	864//	00615	88710		
Dublin	969	80904	62026	04903	854//	00503	83715	88625	
Shannon	962	83509	58717	07150	6562/	52712	86635	88458	
Roches Point	952	83115	58687	05302	864//	01612	88711		
Valentia	953	80309	82031	07503	32506	53713	83823	87270	

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	91536	55	s_os_o	sh
Hurn	862	93511	51	$s_os_or_o$	r_or_o
Manston	797	97513	53	+	r_o
Gatwick	776	97003	52	shs_o	+
Kew	775	91016	53	s_os_o	+
Heathrow	772	97005	51	s_o-$r_os_or_os_o$	+
Honington	586	00516	54	+	+
Wattisham	590	00006	55	+	+
Gorleston	497				
Aberporth	502	02003	60	rrr_or_o	s_os_o
Filton	628	94517	52	$s_os_ors_o$	r_os_o
Rhoose	715	03006	51	s_os_off	$r_os_or_os_o$
Hartland Point	703	01505	53		
Mount Batten	827	04006	51	ss_os_o	$r_os_oir_o$
St.Mawgan	817	03515	52	$s_os_or_os_o$	s_ors
Scilly	804	01031	51	irr	ir_o
Culdrose	809	08517	52	s_os_o	pr_ops_o
Guernsey	894	97010	53	ir_os_o	+
Elmdon	534	97517	51	s_os_o	s_o
Cardington	559	97517	52	s_os_o-s_o	+
Wittering	462	97517	53	s_o	+
Watnall	354	97517	52	s_o	+
Shawbury	414	01517	51	$s_os_or_os_os_os_o$	+
Finningley	360	91516	52	s_os_o	+
Spurn Point	396			r_or_o	+
Leeming	257	95504	52	$r_or_or_os_os_o$	+
Tynemouth	262	03021	01	rr	+
Carlisle	222	97013	51	$r_os_or_os_o$	+
Valley	302	03003	53	rr	+
Ringway	334	97003	51	s_os_o	+
Squires Gate	318	01004	50	r_os_ors	+
Ronaldsway	204	03022	01	$rsrrs_o$	+
Mull of Galloway	131	04021			
Eskdalemuir	162	01001	51	$rsr_os_or_or_o$	$r_os_os_o$
Prestwick	135	01513	50	$is_ossr_os_o$	$r_os_oir_o$
Abbotsinch	140	03511	59	$r_os_or_os_orr_o$	$r_or_or_os_or_os_o$
Leuchars	171	07022	59	$rsrrr_or_o$	rr_or_o
Dyce	091	11011	50	rRr_o	r_orrsrr
Lerwick	005	97041	02	pr_o	pr_o
Wick	075	03041	53	$ir_or_or_ors$	$r_or_or_os_orr$
Sule Skerry	010	01052	03		
Cape Wrath	049	01041	01	ir	$irrrir_o$
Stornoway	026	02031	01	r_o	$r_od_or_or_or_o$
Berbecula	022	02501	53	+	r_oir_orr
Tiree	100	01001	56	pr_o	$r_os_orir_o$
Aldergrove	917	04513	55	r_o-r_os_or-rsr	rrr_o
Malin	980	0200	53		
Belmullet	976	9751	55		
Birr	965	0253	57		
Dublin	969	0702	00		
Shannon	962	9753	55		
Roches Point	952	9701	51		
Valentia	953	9753	56		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi_w	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_ss_a$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	21001	81117	96636	10607	8742/	00711	/////	/////	00107	10685	3//10	/////
	99567	70174	21004	33205	98258	15106	33400	61709	83914	/////	0//03	11012	30301	31005
	99669	10025	21004	42324	97011	15104	28432	00400	81815	84070	0//01	10606	30505	/////
	99469	70169	21004	53621	97258	11409	59400	00304	83915	83820	0//05	11302	30909	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi_w	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_ss_a$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	21061	81019	97216	08507	855//	00709	/////	/////	00207	10677	3//11	/////
	99567	70183	21064	40409	98258	16105	38402	61803	82817	/////	0//03	11074	30501	31004
	99671	10027	21064	23024	98018	16804	29400	00312	81917	/////	0//00	10611	30503	24705
	99469	70168	21064	30119	98038	10809	32500	00301	83820	/////	0//05	11293	30504	35908

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42764

Date of Issue FRIDAY 22 DECEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 21 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	80914	14707	09600	4562/	50104	84640	88557	
Hurn	862	80506	30716	08601	872//	00106	81704	88705	
Manston	797	80820	57216	09304	3847/	00817	81814	83650	86359
Gatwick	776	80512	40712	07901	853//	01818	85708	88630	
Kew	775	80509	32616	08602	872//	01814	86704	88710	
Heathrow	772	80613	38686	08702	872//	01812	85703	88705	
Honington	586	80610	50052	11701	3547/	51509	83616	88362	
Wattisham	590	80609	45212	11702	854//	00610	84614	88650	
Gorleston	497	80922	60022	13004	864//	00809	88710		
Aberporth	502	71516	61031	07302	18436	51004	81818	87273	
Filton	628	81015	60057	08602	855//	51002	82620	88656	
Rhoose	715	80712	57217	08302	853//	00006	81709	86617	88620
Hartland Point	703	41112	60051	06502	25605	00108	82645	83075	
Mount Batten	827	50804	50051	06403	58501	01006	81825	85635	
St.Mawgan	817	40909	62017	05702	48400	50005	81818	84630	
Scilly	804	61513	58036	05006	49470	03005	84910	86360	
Culdrose	809	60206	58018	05603	58301	01103	81708	83815	
Guernsey	894	61005	75031	06104	52530	00002	85820		
Elmdon	534	80804	57042	11601	856//	51000	88640		
Cardington	559	80610	50682	11001	6567/	51808	86630	88359	
Wittering	462	80410	48052	12301	2567/	51806	82630	86359	88462
Watnall	354	70709	50052	12800	6567/	51704	86645		
Shawbury	414	80808	38042	11301	856//	51002	83632	86640	88656
Finningley	360	80503	56042	13702	6567/	00203	83630	85656	88465
Spurn Point	396	81120	57216	14004	854//	01001	85715	88625	
Leeming	257	80206	18237	14701	855//	01005	88620		
Tynemouth	262	81804	18502	15502	864//	50004	88712		
Carlisle	222	80910	56602	14502	854//	50309	83710	86622	88645
Valley	302	80707	63042	09603	3572/	01107	83650	88465	
Ringway	334	81009	45042	12801	7567/	52202	81630	87645	88460
Squires Gate	318	80909	40042	12901	855//	50207	82628	88640	
Ronaldsway	204	81222	62042	11704	5842/	51116	84818	84628	88465
Mull of Galloway	131	71520	60022	11103	784//	01215	82715	87635	
Eskdalemuir	162	80706	50702	15201	854//	52109	85715	88625	
Prestwick	135	71110	58042	14302	756/2	51118	87630		
Abbotsinch	140	70909	62047	14903	756//	52114	87640		
Leuchars	171	80105	48606	16702	854//	01115	82618	83630	88645
Dyce	091	81307	38606	17604	854//	03110	81715	84620	88645
Lerwick	005	71118	75258	24305	784//	03108	84813	84623	86632
Wick	075	71218	70616	19205	57432	03106	83710	84715	85359
Sule Skerry	010	81120	70026	20107	4247/	04209	84810	88460	
Cape Wrath	049	81130	74606	16705	874//	03003	88715		
Stornoway	026	71014	70616	17206	754//	04207	81712	84617	87626
Benbecula	022	80914	82036	14805	7547/	03209	81713	83618	85645
Tiree	100	71121	63018	13505	58472	00114	82818	85633	85359
Aldergrove	917	81315	40607	10403	854//	00111	82714	84620	88640
Malin	980	81021	58606	10805	864//	01110	85716	88640	
Belmullet	976	80810	61218	07103	6647/	01604	84716	84636	88458
Birr	965	71005	70027	06001	764//	01801	85714	85626	
Dublin	969	81319	50608	07904	864//	02113	86714	87622	
Shannon	962	83604	25717	05901	863//	00803	88706		
Roches Point	952	83309	65607	05602	6642/	02002	86710	88556	
Valentia	953	80106	70022	05804	4857/	50812	81825	84640	88460

OBSERVATIONS at 18h. 21 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	80907	45107	08301	862//	00205	88703		
Hurn	862	80205	35107	07801	853//	01108	85707	88621	
Manston	797	71315	50056	09803	754//	01315	87616		
Gatwick	776	80708	13207	08802	872//	02314	81705	85707	88710
Kew	775	80902	35057	08703	863//	01209	82709	88711	
Heathrow	772	80909	30107	08403	863//	02307	82707	88709	
Honington	586	81010	45236	10603	854//	02308	86712	88625	
Wattisham	590	80811	45046	10604	854//	02409	88618		
Gorleston	497	81221	50022	11805	864//	03703	88710		
Aberporth	502	80807	57057	09401	855//	52115	88625		
Filton	628	80406	18107	08501	862//	50301	83705	88710	
Rhoose	715	80409	56047	08801	854//	00303	83710	88612	
Hartland Point	703	20911	64011	07401	21500	51208	82820		
Mount Batten	827	20810	58051	07202	28500	00113	81825		
St.Mawgan	817	70810	57258	07002	784//	01112	82811	86625	
Scilly	804	71311	60022	05606	785//	01211	83820	87638	
Culdrose	809	61208	62028	06403	58430	50211	81812	83630	
Guernsey	894	31505	65031	07604	38400	50315	83818		
Elmdon	534	80310	22227	09801	861//	50708	83702	88705	
Cardington	559	80706	30217	09701	863//	01307	88709		
Wittering	462	80612	42517	10301	863//	00803	88707		
Watnall	354	80612	08717	11201	872//	00000	88703		
Shawbury	414	90507	08738	10400	9////	00808	89//		
Finningley	360	80709	56217	11903	854//	01608	83712	88614	
Spurn Point									
Leeming	257	80607	40216	13703	864//	01805	88710		
Tynemouth	262	81025	61028	15105	855//	02004	88620		
Carlisle	222	80813	30687	13503	854//	01805	85711	88619	
Valley	302	80605	56687	11002	854//	00113	83618	88650	
Ringway	334	83402	11737	11801	1742/	50801	81710	88545	
Squires Gate	318	90403	08717	12501	9////	01102	89//		
Ronaldsway	204	81119	58682	11904	853//	51207	81709	83712	85616
Mull of Galloway	131	71306	60268	12003	724//	01306	87815		
Eskdalemuir	162	80710	25227	14401	871//	51804	88702		
Prestwick	135	80709	50582	14202	6542/	01203	81614	83618	85622
Abbotsinch	140	80810	45586	15004	854//	01103	81711	86624	88640
Leuchars	171	80916	59056	17405	854//	01309	82616	85623	88645
Dyce	091	80906	40506	18905	855//	01210	82620	88626	
Lerwick	005	81114	70808	24304	834//	03103	83911	85815	88630
Wick	075	81110	65606	19905	854//	04208	84615	85628	88640
Sule Skerry	010	81120	70258	20407	6247/	06203	86815	88460	
Cape Wrath	049	81113	80026	18805	884//	04104	82815	88620	
Stornoway	026	70913	75026	18506	654/2	03212	81618	86645	
Benbecula	022	81013	80022	16705	855//	02213	82620	88637	
Tiree	100	70915	66012	15305	785//	00213	81820	87643	
Aldergrove	917	81111	40606	12302	2542/	01310	82618	88460	
Malin	980	81121	65606	13004	5647/	01313	83716	83645	88460
Belmullet	976	60817	58216	08203	654//	02210	83717	85636	
Birr	965	81108	40688	07603	864//	01212	86710	88628	
Dublin	969	81115	60608	09604	863//	01213	82709	85712	85626
Shannon	962	80905	56687	06502	864//	01308	82710	84715	88635
Roches Point	952	81224	58617	05006	864//	04303	88714		
Valentia	953	70504	68016	05202	55570	01208	85627	86360	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	03017	000	$s_o$ssff	$s_os_ors_od_od_of$
Hurn	862	02031	000	r_os_o–$s_os_od_o$	d_o
Manston	797	01041	000	$ir_or_or_orir_o$	ir_o
Gatwick	776	02031	000	$s_os_or_os_o$	$r_os_od_o$
Kew	775	03031	000	$r_orr_os_or_or_o$	rr_o
Heathrow	772	04031	000	r_o–r_os_orsr	rrr_o
Honington	586	91041	000	ir_o	r_os_o
Wattisham	590	97041	000	ir_o	ir_o
Gorleston	497		000		
Aberporth	502	97035	015	+	is_o
Filton	628	01026	000	s_os_o	$s_os_or_os_o$
Rhoose	715	01025	000	$h_or_os_oir_os_os_o$	is_o
Hartland Point	703	00020	044		
Mount Batten	827	00065	041	+	+
St.Mawgan	817	95045	025	pr	pr_o
Scilly	804	00070	023	+	+
Culdrose	809	01056	006	$pr_os_or_os_opr_o$	+
Guernsey	894	00051	025	+	+
Elmdon	534	05017	000	s_osf	$ssffs_or_os_o$
Cardington	559	01025	000	$r_os_os_oir_or_or_o$	$r_or_oir_o$
Wittering	462	93027	000	s_oss_o	shd_od_o
Watnall	354	04017	000	s_os_of	$s_os_offr_os_o$
Shawbury	414	02017	000	$ps_os_os_o$	$s_os_os_ros_off$
Finningley	360	01031	000	r_o–r_os_o	$r_os_or_orsr_o$
Spurn Point	396			+	+
Leeming	257	01031	000	d_or_o–r_os_o	r_or_o
Tynemouth	262	97061	000	id_opr	+
Carlisle	222	97043	000	r_o–r_os_o	r_os_o–$r_os_or_os_o$
Valley	302	97041	000	+	r_os_o
Ringway	334	02026	000	+	s_os_o–s–$r_os_od_o$
Squires Gate	318	03016	000	+	$s_os_osfr_os_o$
Ronaldsway	204	01051	000	+	rsrsr
Mull of Galloway	131	03041			
Eskdalemuir	162	02021	000	s_osh	$shs_os_orsr_os_o$
Prestwick	135	93031	000	+	$id_od_or_o$
Abbotsinch	140	95041	000	+	$d_or_od_or_o$
Leuchars	171	92051	000	$r_or_od_or_o$	r_o
Dyce	091	93051	000	ir_o	$r_or_oid_o$
Lerwick	005	05051	000	$ph_or_os_opr_o$	$pr_oph_or_os_opr_o$
Wick	075	01061	000	$ir_or_or_o$	ir_o
Sule Skerry	010	93071			
Cape Wrath	049	97071	000	ir_o	+
Stornoway	026	93061	001	r_or_o	+
Benbecula	022	92061	000	rrr_or_o	+
Tiree	100	97051	000	pr_o	ir_o
Aldergrove	917	93042	000	$r_os_or_o$	$r_or_od_or_os_o$
Malin	980	0105	000		
Belmullet	976	0305	000		
Birr	965	0303	005		
Dublin	969	0505	000		
Shannon	962	0303	000		
Roches Point	952	0106	000		
Valentia	953	9704	000		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

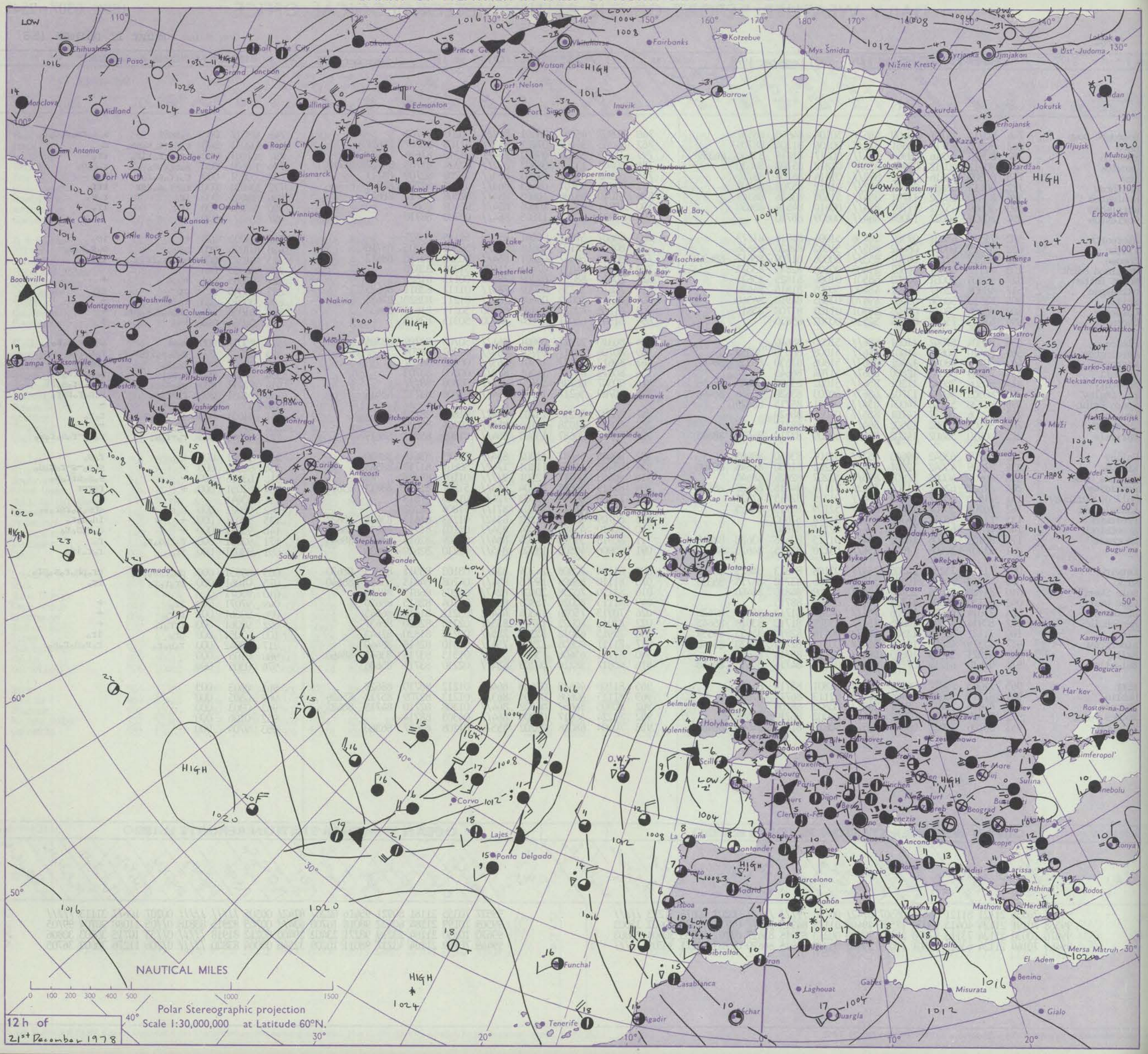
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21121	81121	96616	05507	8742/	00708	/////	/////	00207	10675	31213	/////
L	99568	70191	21124	40415	99030	17507	49400	61113	84915	/////	0//02	11026	30602	35003
M	99670	10030	21124	73118	97878	21402	79400	00213	83918	85627	0//01	10585	30604	25803
R	99469	70169	21124	63612	97801	12009	59401	00204	81916	84820	0//05	11271	30709	/////

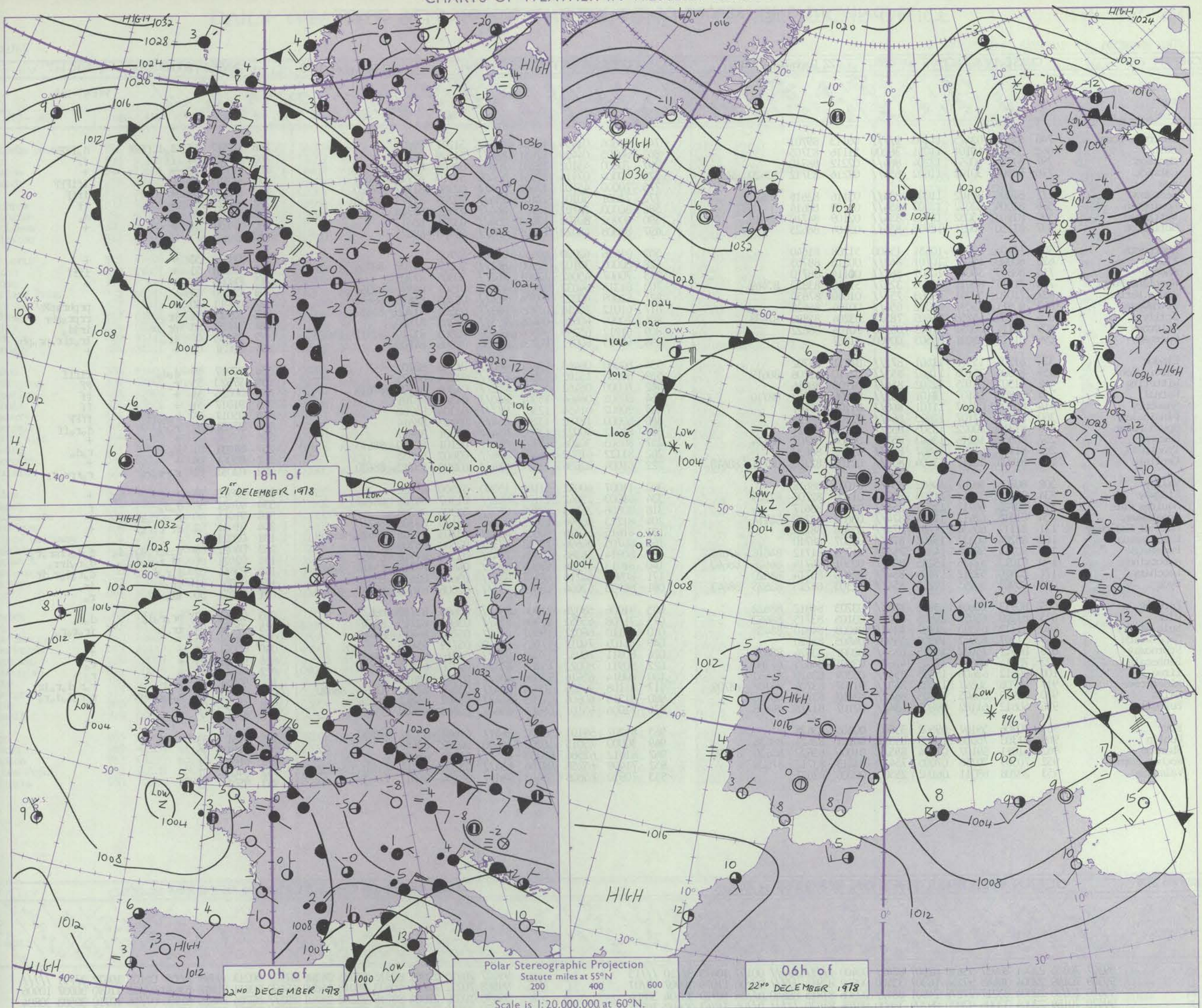
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21181	80921	95616	02207	8742/	00505	/////	/////	00207	10677	31113	/////
L	99569	70199	21184	60532	98018	16708	634//	00705	82915	83818	0//05	11088	30704	99/05
M	99670	10030	21184	23219	98271	23402	29400	00212	81918	/////	0//53	10715	30503	30806
R	99469	70169	21184	43217	98011	10209	32540	00004	83820	/////	0//06	11276	30602	36705

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday FRIDAY 22 December 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a depression to the west of Brittany moved slowly northwestwards while the ridge of high pressure over Scandinavia declined a little. A southeasterly airflow covered the British Isles with frontal troughs moving across all parts.

During the next 24 hours a weak frontal trough is expected to be slow-moving over the UK with a new low moving from the Atlantic towards Biscay and the ridge of high pressure over Scandinavia declining slowly southeastwards.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

Code FM 11.V

OBSERVATIONS at 00h. 22 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	92502	02475	11100	9////	00113	89/01		
Hurn	862	33402	40101	11051	36200	51116	83705		
Manston	797	81205	50052	12204	864//	02212	88710		
Gatwick	776	60904	30102	11602	654//	02216	83712	83620	86640
Kew									
Heathrow	772	81006	30102	11004	854//	03116	82616	88622	
Honington	586	81004	32052	12203	854//	02109	88614		
Wattisham	590	81905	45052	12403	854//	02109	84710	88618	
Gorleston	497	81110	60021	12906	855//	03104	88625		
Aberporth	502	11405	60011	10551	15600	51208	81640		
Filton	628	80000	15102	10701	862//	00215	88703		
Rhoose	715	80803	50042	10801	864//	00114	88710		
Hartland Point	703	71216	60031	08900	3257/	51210	83820	87469	
Mount Batten	827	71010	58051	09003	757//	01010	87650		
St.Mawgan	817	60911	65031	08302	655//	00106	86628		
Scilly	804	71209	65258	06605	785//	03204	85828	87638	
Culdrose	809	61111	68031	07605	65500	00104	86622		
Guernsey	894	01412	65021	09505	00900	01207			
Elmdon	534	81205	15517	11501	871//	01211	88702		
Cardington	559	81006	35106	11802	853//	02110	82708	88619	
Wittering	462	81502	22105	12202	854//	01108	88616		
Watnall	354	80806	18107	12101	862//	01306	85703	88710	
Shawbury	414	80804	07467	11101	860//	01106	88701		
Finningley	360	80907	22107	12603	864//	02202	88713		
Spurn Point	396	81316	40022	13505	855//	03009	88621		
Leeming	257	80302	18216	13603	853//	03804	83707	88614	
Tynemouth	262	81125	61022	14807	856//	03602	88630		
Carlisle	222	81005	30217	13804	853//	02104	82708	86711	88618
Valley	302	80806	56047	10602	854//	01001	88618		
Ringway	334	81211	30047	11903	863//	01204	82707	87709	
Squires Gate	318	80708	56217	12002	854//	01500	88617		
Ronaldsway	204	81018	62617	11304	874//	03605	83710	88714	
Mull of Galloway	131	81117	60636	11703	874//	03806	88710		
Eskdalemuir	162	80204	40237	15102	874//	01307	88710		
Prestwick	135	80714	56586	14303	7542/	01702	81712	84616	87620
Abbotsinch	140	81013	57586	15205	854//	02501	85714	86626	88640
Leuchars	171	80920	59212	17406	854//	02400	83714	88620	
Dyce	091	80907	56055	19206	854//	02303	81715	83625	88643
Lerwick	005	80913	70808	23905	884//	03703	84812	88622	
Wick	075	81209	65056	20805	854//	03105	83715	88642	
Sule Skerry	010	81113	64028	21107	4242/	06003	84810	88458	
Cape Wrath	049	51107	82012	19905	55500	04805	85620		
Stornoway	026	80911	75022	19205	855//	02001	83624	88637	
Benbecula	022	70914	80022	17105	4567/	03801	84635	87360	
Tiree	100	80812	62606	15705	855//	03204	82620	88633	
Aldergrove	917	80708	30597	12202	863//	01707	83706	85707	88709
Malin	980	80920	60605	12705	864//	02807	83712	88716	
Belmullet	976	60812	61102	09803	654//	02107	81718	86638	
Birr	965	30906	59107	09502	35500	00208	83628		
Dublin	969	81303	70506	10303	855//	00101	82625	88638	
Shannon	962	81011	59107	07904	855//	01006	82620	83630	87650
Roches Point	952	70509	70258	07005	754//	03213	83712	87626	
Valentia	953	20208	68011	06102	25500	00206	82627		

OBSERVATIONS at 06h. 22 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	90806	01455	12851	9////	51207	89/01		
Hurn	862	80205	04424	12651	860//	51209	88700		
Manston	797	70000	45102	12203	7097/	03803	87358		
Gatwick	776	50000	07414	12851	55400	51110	82712	84626	
Kew	775	70000	45101	12602	754//	02306	81712	87620	
Heathrow	772	71001	50101	12403	754//	03208	82713	87620	
Honington	586	80000	18102	12703	864//	02201	88713		
Wattisham	590	80902	30102	12903	854//	03201	88612		
Gorleston	497	81008	48022	13405	855//	01400	88625		
Aberporth	502	01616	62020	10550	00900	52702			
Filton	628	80000	30102	12200	861//	50207	84702	88704	
Rhoose	715	70607	45042	12001	762//	50305	87705		
Hartland Point	703	81318	64032	08403	4263/	01501	84830	88360	
Mount Batten	827	81009	60022	09204	884//	02303	83818	88638	
St.Mawgan	817	61012	70018	07705	683//	03501	81706	84812	
Scilly	804	70000	60626	06605	725//	04303	87820		
Culdrose	809	61212	65299	07506	69400	03303	81710	82915	84820
Guernsey	894	41413	60011	10704	46300	02306	84708		
Elmdon	534	80000	08465	12801	860//	01206	88701		
Cardington	559	60000	15102	12801	655//	01204	86625		
Wittering	462	70000	08462	13401	752//	01206	84705	87614	
Watnall	354	80502	06464	13301	860//	01305	88701		
Shawbury	414	90902	01454	12301	9////	01304	89/00		
Finningley	360	80000	18102	13203	854//	03205	88614		
Spurn Point	396	81012	40022	13605	854//	03301	88617		
Leeming	257	80503	30206	13703	854//	02101	82710	88615	
Tynemouth	262	81122	61022	14407	856//	03602	88635		
Carlisle	222	81004	22636	13504	854//	03204	83712	88620	
Valley	302	11007	60041	11101	15500	51500	81622		
Ringway	334	81003	25042	13103	862//	01307	84705	88707	
Squires Gate	318	80806	25105	12902	863//	02306	88708		
Ronaldsway	204	81213	60046	11605	873//	03105	83708	88710	
Mull of Galloway	131	81615	60216	10805	4532/	03703	81708	84620	88459
Eskdalemuir	162	80705	30696	13803	873//	02503	88708		
Prestwick	135	80914	56586	12804	7542/	03502	81716	85630	87645
Abbotsinch	140	81013	57586	13606	854//	04607	82710	85714	87621
Leuchars	171	80916	64216	16307	854//	03606	82616	88620	
Dyce	091	80703	62056	18005	855//	02608	81625	83630	88643
Lerwick	005	81006	58026	21904	854//	03608	83710	88622	
Wick	075	71208	65052	19306	754//	03607	82715	87620	
Sule Skerry	010	81110	66022	19807	6242/	05708	86810	88460	
Cape Wrath	049	51109	74012	17705	55500	05719	85625		
Stornoway	026	80811	70052	17606	855//	04710	84620	88632	
Benbecula	022	80911	80022	15305	855//	02706	83620	88633	
Tiree	100	80814	62616	13606	856//	03608	88633		
Aldergrove	917	81108	30506	10904	854//	03502	82710	83712	88620
Malin	980	81215	60606	11205	864//	03607	85717	88626	
Belmullet	976	71006	65101	09402	4563/	00703	84640	85359	
Birr	965	81202	59101	09402	864//	01601	85717	88630	
Dublin	969	30000	75015	10202	35600	00302	83640		
Shannon	962	81012	62586	08303	855//	01302	88622		
Roches Point	952	71409	65258	07706	634/2	03206	81714	81916	86632
Valentia	953	70910	65808	06403	784//	02304	86817	86630	

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_hE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97517	55	d_od_offFF	d_offF
Hurn	862	00523	54	ff	ff
Manston	797	00021	52	+	+
Gatwick	776	00553	56	if	ifiFFF
Kew	775	00523	55	+	ifiF
Heathrow	772	91021	51	+	if
Honington	586	97021	01	+	d_o
Wattisham	590	00031	01	+	+
Gorleston	497				
Aberporth	502	00525	55	+	+
Filton	628	00516	51	+	ifff
Rhoose	715	00005	51	+	+
Hartland Point	703	00500	52		
Mount Batten	827	03011	50	+	prphrspR
St.Mawgan	817	02011	51	pr_o	$rrpr_ophr$
Scilly	804	06052	03	pr_oir	$irid_o$
Culdrose	809	95055	00	ir_o	$ir_otlr_opr_oph_o$
Guernsey	894	00031	00	+	+
Elmdon	534	97017	50	d_od_o	fifff
Cardington	559	97523	55	r_o	FF
Wittering	462	00015	51	+	ff
Watnall	354	91017	51	+	ff
Shawbury	414	95017	50	r_os_off	ffFF
Finningley	360	97031	02	r_or_o	d_or_off
Spurn Point	396			+	+
Leeming	257	94031	01	r_o	r_od_o
Tynemouth	262	00061	04	+	+
Carlisle	222	03031	01	$r_o-r_or_o$	$r_orrr_or_o$
Valley	302	00513	54	+	+
Ringway	334	97021	50	d_od_o	f
Squires Gate	318	91015	00	$r_os_or_os_or_od_o$	+
Ronaldsway	204	01031	02	$rr-r_or_o$	+
Mull of Galloway	131	02021			
Eskdalemuir	162	04021	00	$r_os_or_os_od_od_o$	$d_od_orrsr_or_o$
Prestwick	135	02021	00	$id_or_or_od_or_o$	$d_or_odrr_o$
Abbotsinch	140	03041	02	$d_or_od_or_o$	$d_or_od_or_odr$
Leuchars	171	93051	01	ir_o	ir_o
Dyce	091	97051	50	id_o	r_o
Lerwick	005	92041	03	$pr_or_od_o$	d_od_o
Wick	075	01051	04	ir_oir	$ir_or_or_o$
Sule Skerry	010	91051	05		
Cape Wrath	049	00041	04	+	+
Stornoway	026	97051	03	+	r_o
Benbecula	022	01041	01	+	r
Tiree	100	92051	03	ir_or_o	$r_or_od_or_oir_o$
Aldergrove	917	03012	00	r_os_od-drr	$r_or_od_od_or_o$
Malin	980	0503	02		
Belmullet	976	9701	50		
Birr	965	9751	53		
Dublin	969	0101	56		
Shannon	962	0103	01		
Roches Point	952	0403	01		
Valentia	953	9501	52		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22001	80917	95616	02907	8742/	00400	/////	/////	00107	10673	3//10	///13
L	99569	70199	22004	30643	97258	16307	33400	00802	83914	/////	0//06	11079	30907	99/07
M	99670	10030	22004	83217	97278	24801	884//	00306	81815	88640	0//54	10729	30504	30804
R	99470	70169	22004	33006	97020	09209	38600	00706	81830	/////	0//04	11263	30602	36805

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22061	80918	96636	04306	8742/	00213	/////	/////	05105	10672	3//11	/////
L	99568	70202	22064	40633	98018	14809	48400	00811	82818	83630	0//06	11090	30907	10906
M	99670	10030	22064	83215	98268	24701	895//	00704	84820	81920	0//56	10710	30503	30804
R	99470	70168	22064	79902	98028	06009	3855/	00718	82820	87360	0//04	11260	30000	36804

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42765

Date of Issue SATURDAY 23 DECEMBER 1979

Code FM 11.V

OBSERVATIONS at 12h. 22 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Sch_shs$	$8N_Sch_shs$	$8N_Sch_shs$
Boscombe Down	746	83502	01444	13750	860//	51000	88701		
Hurn	862	90104	02454	13551	9////	51001	89///		
Manston	797	73105	50052	12805	754/1	04803	81615	87619	
Gatwick	776	70000	28284	13701	10932	01002	81365	87075	
Kew	775	70000	12104	13303	15631	02001	81630	83360	86075
Heathrow	772	93203	01434	13101	9////	01002	89///		
Honington	586	80202	18105	13303	854//	03001	81710	86616	88620
Wattisham	590	83506	15102	13503	854//	03801	88618		
Gorleston	497	80702	48022	13605	855//	02400	88620		
Aberporth	502	11516	62021	11103	15601	51605	81640		
Filton	628	91007	04434	13351	9////	51801	89//		
Rhoose	715	80610	10282	12601	860//	01802	84701	88702	
Hartland Point	703	60917	64687	09804	685//	02803	82825	86630	
Mount Batten	827	71313	65258	10307	783//	04105	83709	87630	
St.Mawgan	817	61607	80279	09006	69400	04004	85912	83618	
Scilly	804	52309	80036	08407	58570	03109	81820	85624	
Culdrose	809	31712	75018	08707	32301	04105	82709	83820	
Guernsey	894	51211	70021	11505	48332	03001	81707	84645	
Elmdon	534	91402	04434	14101	9////	01001	89///		
Cardington	559	92702	01434	14350	9////	50005	89/01		
Wittering	462	82904	10284	13902	861//	02104	84702	88706	
Watnall	354	72602	08444	14002	16202	02400	81704	87075	
Shawbury	414	82102	50044	13801	863//	50801	88707		
Finningley	360	80000	09446	13703	864//	03000	88711		
Spurn Point	396	81104	40022	13905	864//	03703	88715		
Leeming	257	82602	11102	14003	854//	03805	86710	88618	
Tynemouth	262	81210	56022	14506	856//	02803	88630		
Carlisle	222	81005	22616	14104	854//	03000	85710	88618	
Valley	302	10304	58040	12303	00901	01803	81075		
Ringway	334	81603	25045	14103	863//	01802	83706	87708	
Squires Gate	318	81305	09424	14002	861//	02000	82702	88704	
Ronaldsway	204	71411	62032	13205	784/1	02203	82714	86819	
Mull of Galloway	131	71607	62012	12605	68501	02205	85820		
Eskdalemuir	162	80606	08467	14303	862//	02804	85703	88705	
Prestwick	135	81307	56046	14103	7541/	03802	81715	86618	86635
Abbotsinch	140	81009	50636	14405	854//	04801	81710	85618	88640
Leuchars	171	80910	62212	15806	854//	03804	88619		
Dyce	091	80804	45502	17105	854//	03806	86618	88638	
Lerwick	005	71108	70258	20704	6847/	02706	83815	84645	
Wick	075	81307	70026	18106	6542/	03806	81715	83628	85635
Sule Skerry	010	81408	80022	18807	48507	05806	82820	84630	88270
Cape Wrath	049	81113	74022	17605	855//	04603	88620		
Stornoway	026	81009	62616	17006	854//	03805	81710	85614	88635
Benbecula	022	80915	58216	15505	854//	04000	81711	86616	88622
Tiree	100	81220	70616	14106	7541/	04701	82616	83620	85627
Aldergrove	917	41706	59046	12404	45500	01003	81622	84635	
Malin	980	61311	60106	12405	654//	03004	81717	86643	
Belmullet	976	60814	65106	09803	656//	01801	86633		
Birr	965	71305	80026	10504	585/2	01002	81820	85632	85070
Dublin	969	41004	62100	11804	25532	01005	82625		
Shannon	962	61210	65102	09304	25732	02003	82650	85075	
Roches Point	952	70508	65012	08606	734//	05000	82818	86636	81918
Valentia	953	72106	70808	07906	73500	04306	87922		

OBSERVATIONS at 18h. 22 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Sch_shs$	$8N_Sch_shs$	$8N_Sch_shs$
Boscombe Down	746	90504	01454	13900	9////	00006	89/00		
Hurn	862	93603	05434	13750	9////	50205	89///		
Manston	797	63005	28102	12803	653//	03003	85707	86620	
Gatwick	776	50000	02464	13951	00902	51207	85075		
Kew	775	93401	00474	13900	9////	00309	89///		
Heathrow	772	93203	00454	13500	9////	00109	89///		
Honington	586	82702	07462	13403	860//	03105	88701		
Wattisham	590	83502	12102	13703	855//	03106	88621		
Gorleston	497	80000	48022	13505	855//	01204	88620		
Aberporth	502	61417	60021	10902	657//	51003	86656		
Filton	628	90908	03454	13600	9////	50001	89///		
Rhoose	715	90611	04472	12901	9////	01005	89/00		
Hartland Point	703	61313	66037	10004	48571	02101	82820	84645	86360
Mount Batten	827	71713	58818	10906	784//	05212	83712	86823	87634
St.Mawgan	817	21308	80018	10003	25660	02007	82640		
Scilly	804	22206	80011	09306	21501	03207	82820		
Culdrose	809	31305	75018	09903	38400	03004	82818		
Guernsey	894	71512	57056	12205	762//	03108	84705	87707	
Elmdon	534	92202	06454	14450	9////	50208	89///		
Cardington	559	92602	01454	14300	9////	00207	89/01		
Wittering	462	92803	01434	14101	9////	01205	89///		
Watnall	354	82502	03464	14201	860//	00206	88700		
Shawbury	414	82106	11102	13750	861//	51304	88702		
Finningley	360	82202	15284	13603	862//	03204	88704		
Spurn Point	396	80000	40102	13704	864//	04302	88717		
Leeming	257	80000	06444	13503	854//	03602	88611		
Tynemouth	262	82403	61022	13605	864//	03602	88718		
Carlisle	222	80000	24106	13103	854//	03801	82710	88618	
Valley	302	10609	58040	12001	15801	50001	81657		
Ringway	334	81907	30042	14301	863//	50205	85706	88708	
Squires Gate	318	81407	26104	13901	862//	01304	83704	88709	
Ronaldsway	204	81009	58042	13104	864//	01102	83710	88714	
Mull of Galloway	131	81606	62032	12305	6852/	01500	84820	83625	88460
Eskdalemuir	162	80505	20515	13003	873//	02705	88706		
Prestwick	135	81102	40042	13203	855//	03703	88627		
Abbotsinch	140	80805	22586	13405	852//	04604	81705	83714	85622
Leuchars	171	80911	56586	14205	853//	04703	82707	85710	88622
Dyce	091	80803	56606	15305	854//	03804	81714	85626	88640
Lerwick	005	71008	65258	19204	784//	03606	82813	86623	
Wick	075	70912	75026	16306	784//	02706	83818	87642	
Sule Skerry	010	81109	64028	17007	5842/	04707	81810	85625	88458
Cape Wrath	049	81109	74032	15805	855//	04605	88620		
Stornoway	026	81009	62616	15505	854//	03603	81710	85616	88638
Benbecula	022	80913	58616	13705	854//	04805	85617	88627	
Tiree	100	81216	80036	12906	854//	04802	83715	88629	
Aldergrove	917	21306	40040	12301	00901	50801	82070		
Malin	980	11509	64101	12502	00902	50104	81075		
Belmullet	976	31208	62101	09203	25602	01201	82630		
Birr	965	31007	66011	10004	35500	02301	83621		
Dublin	969	70802	70031	11503	55502	01102	82622	85645	
Shannon	962	71007	70032	08904	35732	02003	83650	83359	85075
Roches Point	952	73206	70021	08204	33402	04102	81918	83636	87070
Valentia	953	30907	81028	07604	13502	02203	81925	83068	

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00006	000	FF	FF
Hurn	862	00011	000	ff	ff
Manston	797	00061	014	+	+
Gatwick	776	00033	002	FFf	iffFF
Kew	775	00041	001	iFif	fFF
Heathrow	772	00031	000	ifFFff	ffFF
Honington	586	97041	000	d_o	ffFFf
Wattisham	590	00041	000	+	fFF
Gorleston	497		000		
Aberporth	502	00041	058	+	+
Filton	628	00006	000	ff	ff
Rhoose	715	00015	000	f	ff
Hartland Point	703	97041	020		
Mount Batten	827	07071	001	pr_opRphr	pr_opr
St.Mawgan	817	05081	019	t_olrphr	prl
Scilly	804	00091	029	+	+
Culdrose	809	04071	012	ph_opr_o	pr_o
Guernsey	894	97051	003	ir_o	+
Elmdon	534	00017	000	ff	ff
Cardington	559	91011	000	FF	FF
Wittering	462	00023	000	fFF	FF
Watnall	354	00035	000	ff	ff
Shawbury	414	00016	000	+	f
Finningley	360	00041	000	ff	ff
Spurn Point	396			+	+
Leeming	257	00041	000	ff	ff
Tynemouth	262	00071	000	+	+
Carlisle	222	01041	000	$r_or_orr_or_o$	+
Valley	302	00058	063	+	+
Ringway	334	97031	000	ffd_of	+
Squires Gate	318	00031	000	ff	+
Ronaldsway	204	00051	000	+	+
Mull of Galloway	131	00051			
Eskdalemuir	162	01041	000	$r_oir_od_od_off$	d_od_o
Prestwick	135	02041	000	rrr_or_o	+
Abbotsinch	140	06061	000	ir_orr	$rrd_or_or_o$
Leuchars	171	02071	000	$r_od_or_o$	d_or_o–r_or_o
Dyce	091	01061	000	$d_od_or_o$	$r_od_or_ord$
Lerwick	005	95051	000	pr_o	pr_o
Wick	075	94071	000	r_or_o	$r_or_oir_o$
Sule Skerry	010	97071			
Cape Wrath	049	00081	000	+	+
Stornoway	026	02061	000	$ir_or_or_o$	r_or_o
Benbecula	022	05061	000	$rr_or_oir_o$	$ir_or_or_orr$
Tiree	100	97061	000	$r_or_oir_o$	r_o
Aldergrove	917	00053	033	+	+
Malin	980	9106	027		
Belmullet	976	9104	009		
Birr	965	9205	003		
Dublin	969	9706	019		
Shannon	962	0106	032		
Roches Point	952	0007	023		
Valentia	953	9509	027		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

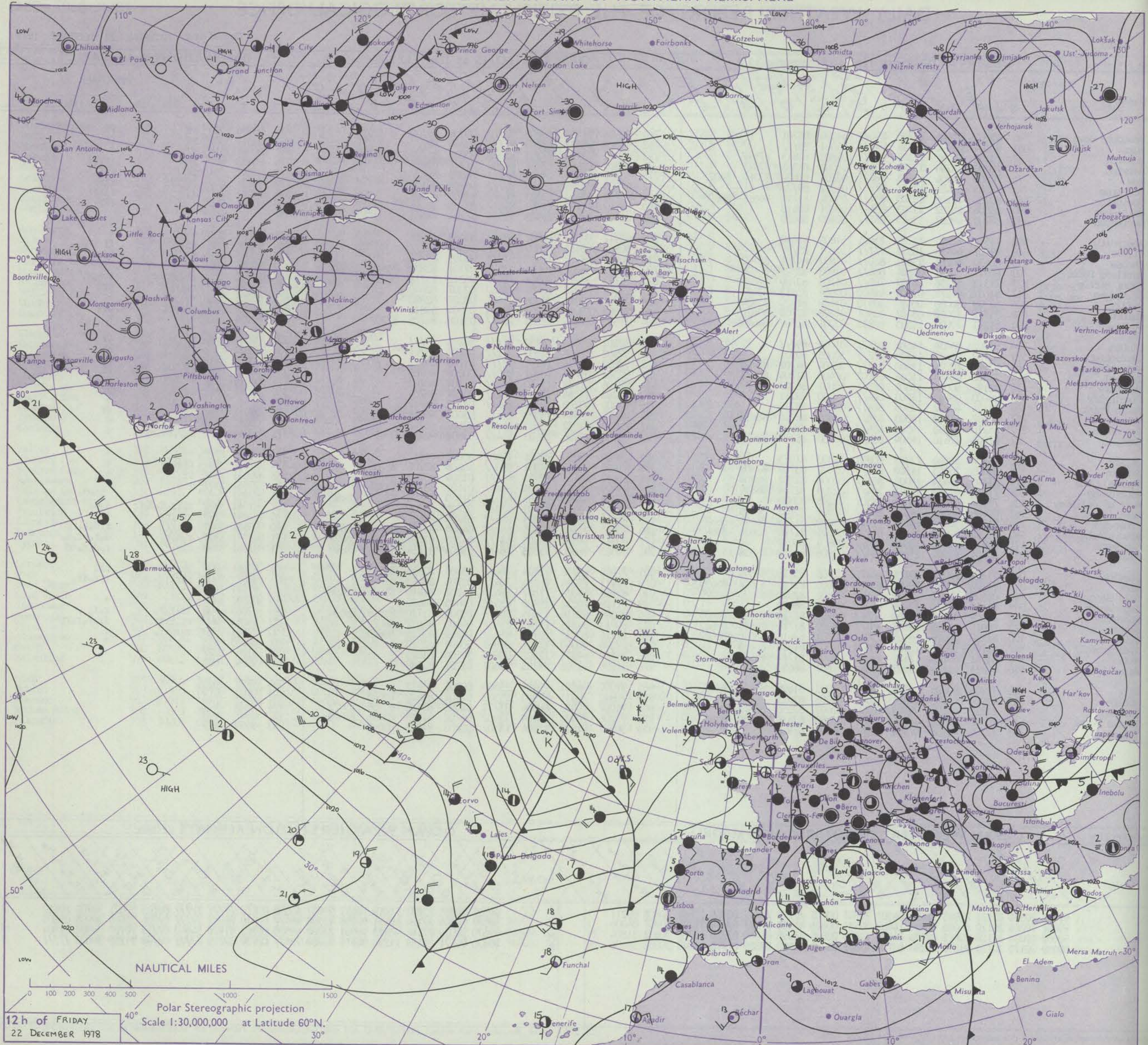
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Sch_shs$	$8N_Sch_shs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	22121	80915	98036	04107	35544	00002	/////	/////	00103	10681	30808	09211
	99567	70204	22124	60626	98251	14409	58431	00805	83816	/////	0//06	11100	30907	04006
	99669	10030	22124	73614	98278	24500	79400	00806	81918	86640	0//56	10708	30402	31804
	99469	70170	22124	71315	97216	03709	4557/	00720	84630	87359	0//06	11240	30502	36806

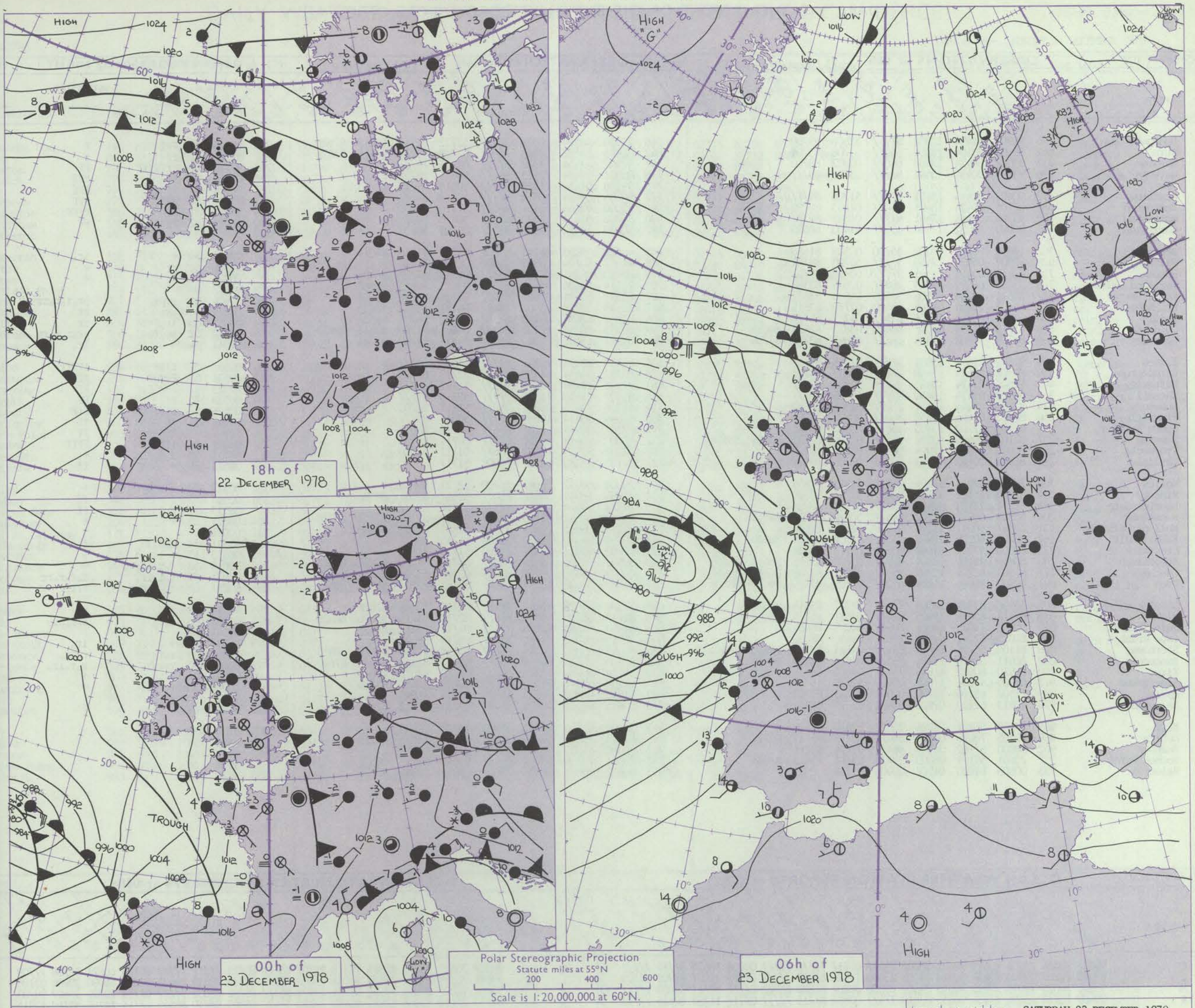
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Sch_shs$	$8N_Sch_shs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	22181	71013	98032	99907	63550	00815	/////	/////	00105	10671	30706	10110
	99567	70205	22184	60531	98258	11508	694//	00510	86912	/////	0//06	11089	30908	03105
	99670	10029	22184	40413	98031	23700	49500	00705	81920	84640	0//53	10708	30402	31804
	99470	70171	22184	71230	96616	95809	774//	00739	87713	/////	0//08	11250	30606	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday SATURDAY 23 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a depression in the western Mediterranean filled a little as it moved slowly east. A low over northern Scandinavia moved southeast to be replaced by an anticyclone which linked with the stationary, although declining high, over Iceland. A shallow low pressure area just south of Ireland filled as a deepening depression moved eastwards towards the Southwest Approaches.

During the next 24 hours the deep depression southwest of Britain is expected to turn northeastwards to Lands End, whilst pressure remains high from northern Scandinavia to Iceland.

Code FM 11.V — OBSERVATIONS at 00h. 23 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	90906	01494	13352	9////	52606	89/00		
Hurn	862	50602	20104	12851	562//	51708	85704		
Manston	797	83007	08424	12803	860//	03802	88700		
Gatwick	776	93101	00494	13652	9////	53706	89///		
Kew									
Heathrow	772	90602	00474	13251	9////	51706	89///		
Honington	586	82705	05424	13401	860//	01803	88700		
Wattisham	590	93508	00454	13601	9////	01803	89///		
Gorleston	497	80000	48022	13404	855//	01400	88620		
Aberporth	502	11619	60051	09702	15700	00505	81650		
Filton	628	90909	05434	12450	9////	50708	89/01		
Rhoose	715	90611	03454	11501	9////	00610	89/01		
Hartland Point	703	21413	68021	09003	2097/	02808	82360		
Mount Batten	827	31611	68258	09506	32500	05808	83822		
St.Mawgan	817	41407	75038	08804	48400	02710	83815		
Scilly	804	61716	66218	07106	675//	04717	86723		
Culdrose	809	61712	74258	08007	68400	03815	82818	84625	
Guernsey	894	81508	58102	11304	862//	04807	83703	87706	
Elmdon	534	91602	01494	13351	9////	51708	89///		
Cardington	559	80702	03424	13650	861//	50807	88702		
Wittering	462	92502	01494	13851	9////	51805	89///		
Watnall	354	92002	01474	13450	9////	51806	89///		
Shawbury	414	81802	09444	13151	860//	51601	88700		
Finningley	360	81803	04464	13150	860//	50805	88700		
Spurn Point	396	82506	12102	13103	856//	03805	88645		
Leeming	257	82102	08424	13202	851//	02704	83702	85705	88614
Tynemouth	262	80000	30515	12904	864//	03707	88712		
Carlisle	222	80902	20102	12203	855//	02706	88629		
Valley	302	70710	57041	10401	757//	51812	87656		
Ringway	334	81605	15102	13551	860//	51705	88701		
Squires Gate	318	81311	20102	12600	862//	51708	88704		
Ronaldsway	204	80508	56042	11302	864//	50710	83710	88713	
Mull of Galloway	131	21507	66011	11204	25600	02708	82630		
Eskdalemuir	162	80000	40205	12402	853//	01707	85708	88630	
Prestwick	135	80000	57042	11603	855//	03711	88628		
Abbotsinch	140	80804	28106	12104	852//	03709	83705	86617	88640
Leuchars	171	81303	62216	12705	853//	03712	82708	86710	88618
Dyce	091	80702	25636	14004	6532/	03609	83706	86615	88520
Lerwick	005	70906	65808	18504	784//	01707	85814	87620	
Wick	075	81112	65026	15005	854//	02811	85714	88622	
Sule Skerry	010	80913	74028	16006	8092/	04709	88458		
Cape Wrath	049	81015	82031	14504	855//	04610	88620		
Stornoway	026	81104	65216	13805	854//	04814	82710	84616	88630
Benbecula	022	80911	58616	13104	855//	03805	83624	88629	
Tiree	100	80910	80012	11606	7541/	04810	84615	87619	88459
Aldergrove	917	01105	40041	11001	00900	52710			
Malin	980	11507	65100	11000	00901	52713	81075		
Belmullet	976	40813	62100	07903	35602	02710	83638		
Birr	965	70405	58101	07204	756//	02810	87636		
Dublin	969	81205	70038	09206	864//	03715	85713	86718	
Shannon	962	80000	57102	06404	864//	03714	88711		
Roches Point	952	73601	59101	06003	784//	03716	81818	87638	
Valentia	953	00808	81020	04902	00900	01718			

OBSERVATIONS at 06h. 23 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70910	40104	10052	754//	52722	82710	86613	87635
Hurn	862	70806	35102	09303	753//	02719	82708	86616	87626
Manston	797	92902	01454	11202	9////	02709	89///		
Gatwick	776	81001	09484	11453	861//	54615	88702		
Kew	775	91103	01454	11150	9////	50813	89///		
Heathrow	772	90705	01494	10650	9////	50618	89///		
Honington	586	80000	03444	11451	860//	51710	88700		
Wattisham	590	90202	01454	11650	9////	50810	89///		
Gorleston	497	80000	48022	11303	855//	02708	88620		
Aberporth	502	41522	62030	04103	15702	01728	81650	84075	
Filton	628	21012	30104	08600	25600	00722	82640		
Rhoose	715	80710	20104	07502	861//	01723	84702	86704	88707
Hartland Point	703	71114	70606	04004	2557/	03622	82625	87360	
Mount Batten	827	81517	60608	04607	854//	05726	83710	88618	
St.Mawgan	817	81318	62218	02407	884//	04731	83812	88625	
Scilly	804	81822	62606	00208	6722/	05732	86704	88528	
Culdrose	809	81505	70038	02308	883//	06628	81708	83815	88620
Guernsey	894	81317	15102	07005	860//	04726	84700	87701	
Elmdon	534	91005	02494	10351	9////	51620	89///		
Cardington	559	80702	04444	11452	862//	52713	88703		
Wittering	462	91102	01494	11451	9////	51712	89///		
Watnall	354	91502	01454	11052	9////	52715	89///		
Shawbury	414	81106	08424	09851	860//	51717	88700		
Finningley	360	91604	05454	10650	9////	50814	89///		
Spurn Point	396	82302	08444	11401	856//	00709	88645		
Leeming	257	80000	06424	10700	862//	00714	88705		
Tynemouth	262	72006	39105	10302	756//	01712	87630		
Carlisle	222	01105	25284	09251	00900	51717			
Valley	302	30608	60041	06601	35700	52721	83650		
Ringway	334	81305	18044	10652	860//	52817	82701	88703	
Squires Gate	318	91311	04474	09651	9////	51716	89///		
Ronaldsway	204	81015	50042	07803	862//	01819	82705	83707	88710
Mull of Galloway	131	71511	66011	07504	755//	51821	81925	87630	
Eskdalemuir	162	50000	04464	09850	55400	51715	85617		
Prestwick	135	10903	50041	08851	15600	51718	81640		
Abbotsinch	140	80502	20106	08803	853//	03718	84706	86620	88645
Leuchars	171	80503	59026	09704	854//	03717	83710	85614	88630
Dyce	091	81009	57636	10704	853//	03715	83707	86618	88645
Lerwick	005	71306	75028	15204	784//	02716	82814	87626	
Wick	075	81117	65216	11905	854//	02717	83715	86620	88628
Sule Skerry	010	81119	66258	12706	3242/	04718	83810	88458	
Cape Wrath	049	80919	80022	11404	855//	03714	88620		
Stornoway	026	81012	65606	10105	854//	03718	82710	85616	88630
Benbecula	022	70908	80216	08604	754//	03722	82618	85635	87640
Tiree	100	81214	80016	07806	854//	04719	83619	88643	
Aldergrove	917	61109	50041	07203	25730	00720	82650	85359	
Malin	980	11316	60100	06903	15600	50719	81645		
Belmullet	976	80815	61101	02404	864//	03723	85712	87635	
Birr	965	31008	66016	02603	35600	02723	83630		
Dublin	969	81313	70216	04806	864//	04721	83715	88719	
Shannon	962	00605	61101	00202	00900	01734			
Roches Point	952	80811	70216	98807	854//	05741	83715	88626	
Valentia	953	80612	80031	97006	25607	01846	82640	88270	

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_nE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00526	53	FFf	f
Hurn	862	97521	52	ff	+
Manston	797	97011	01	ifffiff	FF
Gatwick	776	00533	55	FF	FFf
Kew	775	91511	53	FF	FFf
Heathrow	772	97511	51	FF	FFf
Honington	586	97511	51	ff	ffFF
Wattisham	590	91521	52	FF	FF
Gorleston	497				
Aberporth	502	97031	54	+	ir_o
Filton	628	00506	51	ff	+
Rhoose	715	00001	50	ff	+
Hartland Point	703	94032	01		
Mount Batten	827	05051	00	$prpr_o$	$pr_or_or_orr$
St.Mawgan	817	03021	51	pr_o	rr
Scilly	804	06062	03	ir_o	rr
Culdrose	809	06012	52	$prpr_o$	$pr_or_or_orr$
Guernsey	894	97041	04	+	ir_o
Elmdon	534	00527	52	ffFF	fFFff
Cardington	559	00531	52	~~FFff~~	ffFF
Wittering	462	97523	52	FF	FF
Watnall	354	00525	50	ff	FF
Shawbury	414	00526	52	ffFF	ffF
Finningley	360	00511	51	ff	ff
Spurn Point	396			FF	ff
Leeming	257	00511	51	ffF	FFff
Tynemouth	262	97011	50	d_od_o	+
Carlisle	222	00513	56	+	ff
Valley	302	00513	53	+	+
Ringway	334	00543	55	f	ff
Squires Gate	318	00513	51	f	ff
Ronaldsway	204	00021	01	+	+
Mull of Galloway	131	00021			
Eskdalemuir	162	97511	54	d_od_o	f
Prestwick	135	00513	55	+	+
Abbotsinch	140	92011	53	$r_or_oid_or_o$	+
Leuchars	171	03031	02	$r_or_oir_o$	$d_or_or_orr$
Dyce	091	03031	03	$rd_or_odrr_o$	r_or_or
Lerwick	005	91011	51	pr_o	pr_o
Wick	075	01031	03	r_or_o	$r_or_opr_o$
Sule Skerry	010	97041	04		
Cape Wrath	049	97031	03	+	ir_o
Stornoway	026	95051	03	r_or_o	r_oir_o
Benbecula	022	06031	01	rrr_or_o	$r_or_oir_o$
Tiree	100	97051	04	r_o	+
Aldergrove	917	00003	53	+	+
Malin	980	9751	54		
Belmullet	976	9701	01		
Birr	965	9703	51		
Dublin	969	0105	01		
Shannon	962	9702	52		
Roches Point	952	9702	50		
Valentia	953	9750	53		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23001	80819	98022	95807	855//	00717	/////	/////	00206	10675	3//11	/////
L	99568	70202	23004	20634	98018	07408	23400	11826	81912	/////	0//05	11087	30908	02105
M	99670	10028	23004	30115	98018	24302	29530	00201	81820	81922	0//56	10711	30403	/////
R	99469	70169	23004	81134	96616	83810	774//	00864	87713	/////	0//10	11262	30816	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23061	80815	96818	92507	834//	00721	/////	/////	00106	10671	3//08	///09
L	99571	70199	23064	70828	98038	03108	784//	00714	82816	86635	0//03	11090	30906	03106
M	99670	10027	23064	83513	98031	23001	855//	00706	88632	/////	0//54	10719	30402	99/03
R	99470	70169	23064	82935	95636	74211	5742/	00605	85710	88540	0//11	11264	30710	12915

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42766

Date of Issue SUNDAY 24 DECEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 23 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81011	28052	04401	3642/	00732	83712	88462	
Hurn	862	81315	65032	03807	884//	05729	83712	87815	88656
Manston	797	71313	50054	08304	763//	03716	83706	87708	
Gatwick	776	71006	15104	07201	753//	01724	82709	87618	
Kew	775	70907	18104	06902	762//	01826	83705	87710	
Heathrow	772	71007	17284	06402	752//	02726	82705	87628	
Honington	586	71104	04424	08250	760//	51618	87700		
Wattisham	590	81704	06424	08650	860//	50717	85701	88703	
Gorleston	497	90000	00454	08702	9////	01818	89/00		
Aberporth	502	81423	58611	98003	1742/	02739	81715	88545	
Filton	628	81117	59051	02404	46427	03835	84711	86468	88272
Rhoose	715	80916	50046	00905	862//	04737	81705	86708	88710
Hartland Point	703	81018	69616	95606	854//	05743	86715	88625	
Mount Batten	827	81526	57636	96807	854//	05745	84712	85618	88622
St.Mawgan	817	81331	50636	92606	853//	06755	83706	86708	88615
Scilly	804	81732	40636	87509	873//	09768	88706		
Culdrose	809	81425	30638	92107	852//	06752	81705	85708	88612
Guernsey	894	81424	56616	99505	852//	05848	82703	86705	88620
Elmdon	534	81003	18104	06050	851//	50828	81702	88615	
Cardington	559	80904	03424	07551	861//	51722	88702		
Wittering	462	91105	02494	07852	9////	52720	89//		
Watnall	354	91007	03434	07351	9////	51722	89//		
Shawbury	414	81107	14044	04901	861//	50728	88702		
Finningley	360	81405	14284	07751	860//	51717	88700		
Spurn Point	396	91206	00454	08550	9////	51717	89/00		
Leeming	257	91307	04454	07851	9////	51818	89/01		
Tynemouth	262	41907	14101	07601	20938	00716	82358	84275	
Carlisle	222	30905	50040	05800	15602	51819	81635	83072	
Valley	302	70807	75021	01503	1547/	01725	81615	87465	
Ringway	334	70904	56044	06500	55548	52721	82625	84640	87270
Squires Gate	318	81009	30104	05601	853//	50721	83708	88615	
Ronaldsway	204	81123	59042	02904	762/7	02727	81705	85707	85710
Mull of Galloway	131	81518	60022	03203	872//	02726	83705	88708	
Eskdalemuir	162	50000	25104	06050	56200	51723	85705		
Prestwick	135	51005	58041	04801	10942	50718	81362	85075	
Abbotsinch	140	61005	30104	05802	35402	02816	83618	84072	
Leuchars	171	71303	62016	06804	754//	03717	82714	83620	87632
Dyce	091	81107	57616	08304	853//	03714	82707	86610	88645
Lerwick	005	80202	62618	13002	5722/	01813	84705	88540	
Wick	075	81015	70808	09604	884//	01718	85818	88640	
Sule Skerry	010	81116	80028	10305	6242/	03717	86810	88460	
Cape Wrath	049	71420	84026	08104	5347/	03721	85915	87460	
Stornoway	026	80912	80026	07205	884//	03719	82817	83625	88650
Berbecula	022	71007	86016	05505	784//	03721	81818	87630	
Tiree	100	61216	64012	04705	684//	02718	82816	85637	
Aldergrove	917	80710	24041	02703	853//	01723	82708	86710	88617
Malin	980	71115	59101	02804	28542	01721	81820	87075	
Belmullet	976	70921	60505	96505	56426	03729	83715	84640	86458
Birr	965	80916	62606	94805	7642/	03741	87712	88458	
Dublin	969	81218	70606	99206	864//	03831	85714	88622	
Shannon	962	80817	61616	91306	864//	04750	85712	88620	
Roches Point	952	80926	30618	88408	873//	07760	88709		
Valentia	953	80714	75616	86607	6652/	04756	86722	88556	

OBSERVATIONS at 18h. 23 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81325	58636	96603	873//	02735	83706	85708	88712
Hurn	862	81221	62636	95605	854//	04742	82712	87614	88623
Manston	797	81318	30052	03702	863//	01724	88707		
Gatwick	776	81413	40602	00904	853//	03725	84708	87710	88616
Kew	775	81212	56606	00703	854//	02727	82710	88620	
Heathrow	772	81111	50606	00104	853//	02727	83709	88612	
Honington	586	81212	30054	03003	853//	01725	84708	88615	
Wattisham	590	81317	35054	03403	853//	01725	84708	88613	
Gorleston	497	81522	58024	04405	855//	00722	88620		
Aberporth	502	81429	50616	88203	3732/	01745	83708	88525	
Filton	628	81420	62616	94303	854//	03738	84710	88615	
Rhoose	715	81020	66216	92804	853//	03733	81706	86708	88610
Hartland Point	703	81215	64606	87007	4742/	06725	84715	88560	
Mount Batten	827	81619	58216	89309	853//	08620	84706	88612	
St.Mawgan	817	71613	62216	86309	784//	08616	82710	83814	86635
Scilly	804	82019	60216	84410	5842/	08802	82814	85621	88460
Culdrose	809	61815	56056	86209	65400	08712	84710	86625	
Guernsey	894	81623	63026	92307	852//	05730	82705	85708	87645
Elmdon	534	81015	30697	99001	872//	00835	88704		
Cardington	559	81113	50604	01302	853//	02727	86709	88627	
Wittering	462	81111	11284	01702	860//	02731	88701		
Watnall	354	90911	01474	01300	9////	00731	89//		
Shawbury	414	80914	20732	97001	6722/	00742	82703	86704	88525
Finningley	360	80807	14284	01900	861//	51833	88702		
Spurn Point	396	81415	50024	03504	854//	02729	84715	88630	
Leeming	257	80905	15104	03200	862//	50826	88703		
Tynemouth	262	82005	30101	03650	864//	51723	88712		
Carlisle	222	70913	50041	01251	30932	53827	83367	87072	
Valley	302	80817	58636	93003	874//	02744	88712		
Ringway	334	80916	50042	99401	4642/	51835	83710	88464	
Squires Gate	318	81116	50042	98401	2567/	51737	82645	88462	
Ronaldsway	204	81028	56212	96005	873//	02738	82709	85712	88716
Mull of Galloway	131	81422	50032	96805	872//	02736	82705	88708	
Eskdalemuir	162	30000	30051	01952	16202	54822	81703		
Prestwick	135	70602	60041	99800	15638	51727	81640	87272	
Abbotsinch	140	70910	56041	00601	25736	51726	82650	87272	
Leuchars	171	81208	56052	03004	855//	02719	86628	88640	
Dyce	091	80908	56616	04304	853//	03718	82708	86612	86620
Lerwick	005	80821	60636	10202	872//	01612	84705	88710	
Wick	075	81016	58616	06203	854//	02716	85710	88614	
Sule Skerry	010	81424	80022	06505	3842/	04715	83815	88458	
Cape Wrath	049	81020	82628	03703	855//	03722	88625		
Stornoway	026	80917	80038	03105	884//	03619	83819	85625	88650
Berbecula	022	30807	82011	01103	38400	02718	81818	83637	
Tiree	100	41017	75011	99305	28402	00724	81818	83072	
Aldergrove	917	81018	30605	95405	854//	02733	83710	88614	
Malin	980	81033	62102	95306	7647/	02736	85715	85632	88460
Belmullet	976	80724	58616	88805	7642/	03731	87716	88458	
Birr	965	80917	56616	86505	7642/	03734	87710	88458	
Dublin	969	81122	58636	90905	863//	03729	85708	88711	
Shannon	962	81025	70026	81906	864//	03740	83711	88715	
Roches Point	952	51217	60216	81310	553//	09512	81707	85646	
Valentia	953	80712	70606	79009	5652/	07507	85721	88550	

OBSERVATIONS during DAY

Station	iii	RRT_TT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	07051	000	r_or	rrr_o
Hurn	862	13072	000	r_o	r_orRrr
Manston	797	91051	000	f	$r_os_or_os_o$
Gatwick	776	06041	000	+	r_or_orrrs
Kew	775	01051	000	ff	r_or
Heathrow	772	01051	000	ff	r_or_o
Honington	586	91031	000	FFf	r_o
Wattisham	590	95031	000	Fff	$r_orsr_os_o$
Gorleston	497		000		
Aberporth	502	10042	000	r_or_orr	$rrRr_or_o$
Filton	628	04041	000	r_or_o	$r_orr_or_od_or_o$
Rhoose	715	02051	000	id_oir_or	$rrr_or_od_o$
Hartland Point	703	06092	000		
Mount Batten	827	17101	000	$rrRr_o$	r_o
St.Mawgan	817	15102	000	rrR	rr_o
Scilly	804	13112	000	rr	$rrir_o$
Culdrose	809	15102	000	$rrir_o$	$ir_or_or_o$
Guernsey	894	05071	000	r_or_orr	$ir_od_or_odr$
Elmdon	534	04027	000	ff	$s_osrsr_os_o$
Cardington	559	94021	000	FFff	$ffr_or_oir_o$
Wittering	462	01021	000	FFff	$fFFr_orrsr_os_o$
Watnall	354	01015	000	Fff	$Fffr_os_ors$
Shawbury	414	03017	000	ff	$s_or_os_osss_os_o$
Finningley	360	00021	000	ff	ff
Spurn Point	396			FF	+
Leeming	257	00021	000	ff	f
Tynemouth	262	00011	000	+	+
Carlisle	222	00013	045	+	+
Valley	302	03051	000	ir_o	$irrrr_or_o$
Ringway	334	97031	002	ffif	r_od_o
Squires Gate	318	97023	000	+	$r_os_or_os_o$
Ronaldsway	204	93051	000	+	r_or_o
Mull of Galloway	131	91051			
Eskdalemuir	162	00003	012	+	+
Prestwick	135	00023	037	+	+
Abbotsinch	140	00043	015	iffFif	+
Leuchars	171	00051	000	+	+
Dyce	091	07041	000	$r_or_orrr_or_o$	$r_or_oir_od_or_o$
Lerwick	005	08042	000	$pr_or_os_or_or_o$	$r_or_orrrsir_o$
Wick	075	07052	000	$pr_or_or_od_or_o$	rrr_or_o
Sule Skerry	010	02061			
Cape Wrath	049	01081	000	id_o	pr_oirir_o
Stornoway	026	97051	000	pr_o	pr_o
Berbecula	022	00051	000	+	+
Tiree	100	00061	006	+	+
Aldergrove	917	01051	000	d_o	r_or_o
Malin	980	9706	000		
Belmullet	976	9606	000		
Birr	965	0306	000		
Dublin	969	0906	000		
Shannon	962	0307	000		
Roches Point	952	1710	000		
Valentia	953	0409	000		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

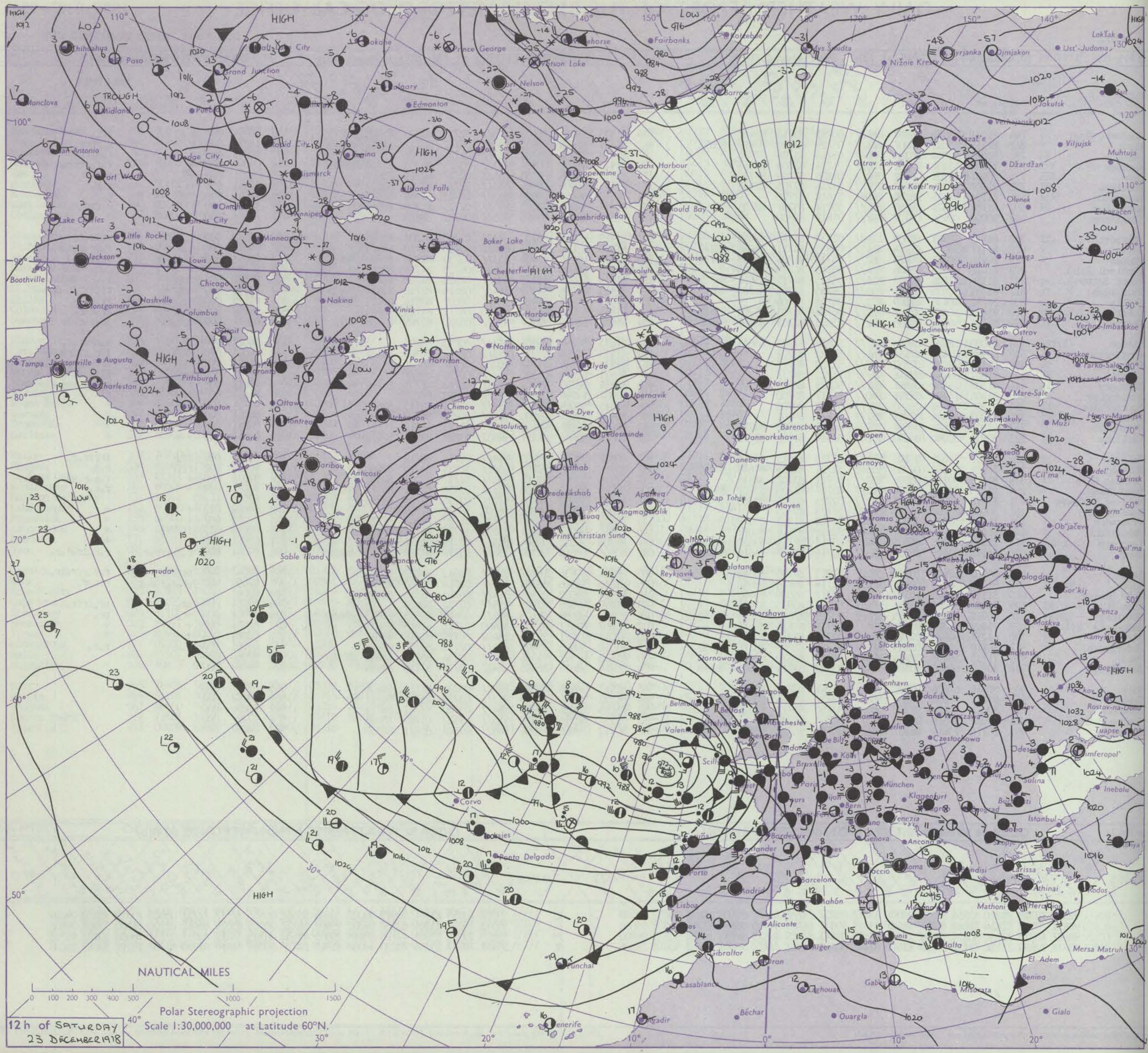
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23121	80814	97258	89906	834//	00807	/////	/////	05106	10681	30807	10109
L	99571	70200	23124	71020	97258	02407	793//	00001	83706	84910	0//04	11096	30906	04006
M	99671	10025	23124	60114	98852	22202	69400	00803	82915	86633	0//51	10582	30302	06803
R	99470	70169	23124	73134	97158	82510	62402	00253	86813	/////	0//09	11252	30810	28806

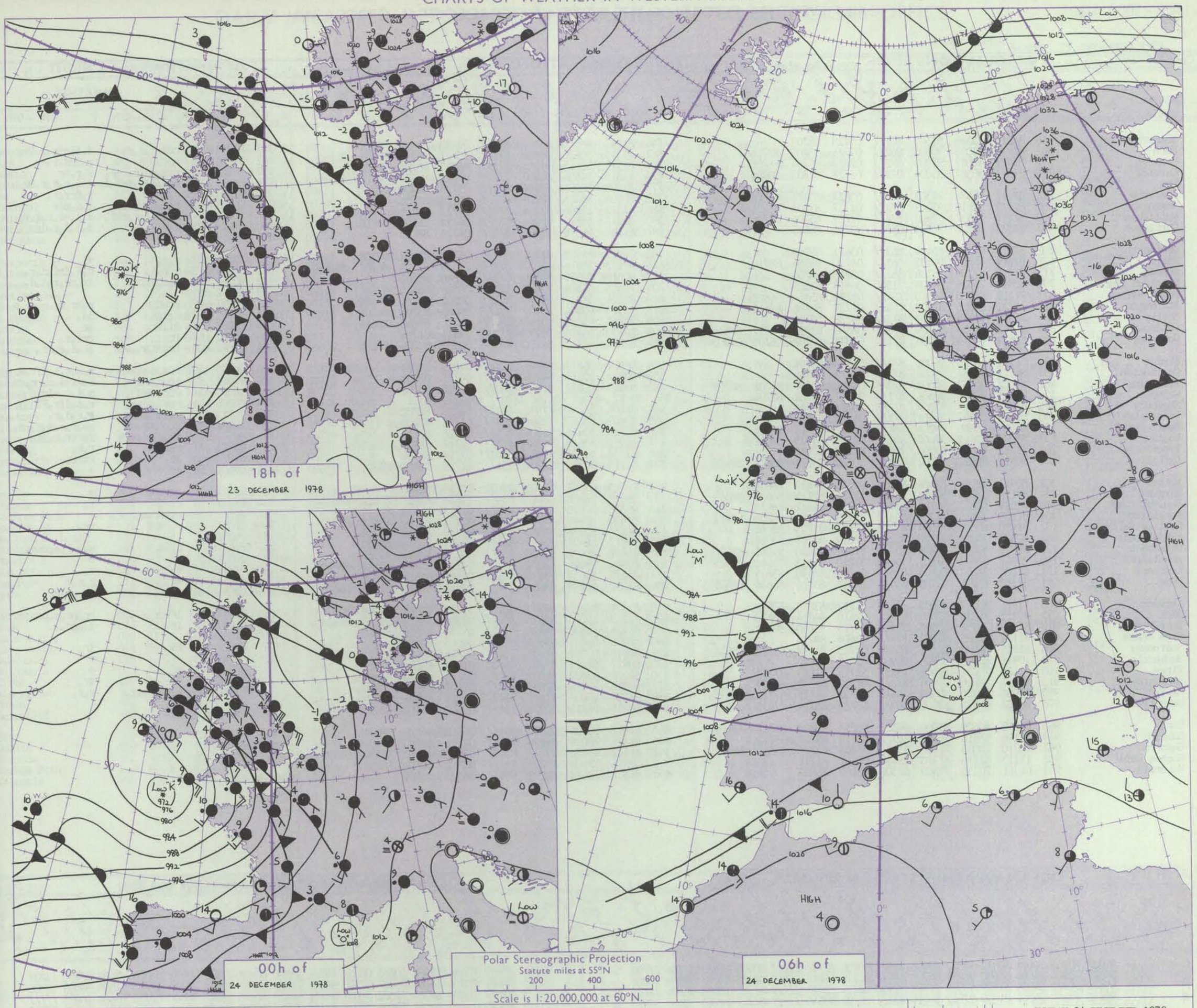
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23181	80815	98022	87406	5556/	00805	/////	/////	00005	10689	30708	09109
L	99572	70202	23184	80527	97802	99407	32427	00615	83814	86462	0//06	11100	30908	09906
M	99670	10025	23184	40716	98018	20803	49400	00705	84817	81917	0//51	10600	30402	99/03
R	99472	70167	23184	73220	98038	85910	1247/	00020	81810	87360	0//08	11212	30811	28808

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday SUNDAY 24 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a depression southwest of Britain has moved slowly northeast, extending a trough of low pressure into the Channel, while a further Atlantic low has approached rather quickly from the west. The ridge of high pressure from Scandinavia to Iceland has declined.

During the next 24 hours pressure is expected to remain low over Britain as the complex centre to the southwest moves slowly inland.

Code FM 11.V

OBSERVATIONS at 00h. 24 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	81215	35586	91505	871//	05728	88702		
Hurn	862	81415	62036	90808	862//	07726	85705	88706	
Manston	797	81421	40617	97203	872//	02728	85704	88705	
Gatwick	776	81511	30587	95004	872//	03728	82703	88704	
Kew									
Heathrow	772	81011	58586	94303	873//	03827	85707	88708	
Honington	586	81115	32616	97402	872//	01727	83705	88706	
Wattisham	590	81219	30637	97602	872//	02727	85704	88706	
Gorleston	497	81323	58606	98704	855//	02736	88625		
Aberporth	502	81422	60026	86404	863//	03611	88709		
Filton	628	81119	70026	90105	863//	04720	86706	88710	
Rhoose	715	81015	57206	88306	862//	05718	88704		
Hartland Point	703	30910	74026	84408	31500	06818	83820		
Mount Batten	827	71418	65808	84510	784//	08731	85814	86620	
St.Mawgan	817	71221	66606	81609	753//	07737	85708	87611	
Scilly	804	81323	60516	78509	873//	09738	88706		
Culdrose	809	81119	40636	80709	6722/	08840	82705	84712	88540
Guernsey	894	81619	60616	87509	871//	08832	82702	86705	87709
Elmdon	534	81113	18716	94001	872//	01722	88704		
Cardington	559	81111	50687	95601	873//	01723	88706		
Wittering	462	81012	20697	96501	870//	01724	83701	86702	88703
Watnall	354	80913	20687	96301	871//	01722	86702	88704	
Shawbury	414	81212	30217	92402	873//	50721	88706		
Finningley	360	81014	25697	97401	872//	01720	88704		
Spurn Point	396	81528	50616	99204	854//	02722	85715	88625	
Leeming	257	81006	35612	98402	852//	02725	83705	88607	
Tynemouth	262	71713	61022	99105	756//	01728	87630		
Carlisle	222	80911	60022	97002	854//	50730	83711	86616	88626
Valley	302	80913	58046	88504	855//	02718	84622	88634	
Ringway	334	81119	59616	94503	854//	51724	82716	86632	88650
Squires Gate	318	81019	57617	94102	854//	01720	84617	88623	
Ronaldsway	204	81128	56612	91204	873//	03723	81707	86709	88712
Mull of Galloway	131	81420	60506	91604	852//	02723	83705	88620	
Eskdalemuir	162	80509	35051	98400	853//	52819	84709	88616	
Prestwick	135	81023	65032	96201	15737	51816	81650	85365	88270
Abbotsinch	140	70812	57042	97801	15672	51810	81645	85362	87070
Leuchars	171	61203	56052	00403	656//	01711	82630	85645	
Dyce	091	81110	65026	01105	854//	02614	83714	86630	88645
Lerwick	005	71117	80257	08603	784//	52712	83813	87626	
Wick	075	81222	70216	03405	854//	02610	86714	88628	
Sule Skerry	010	81120	70258	03505	3241/	04716	83810	88460	
Cape Wrath	049	81124	74526	01503	874//	03604	88715		
Stornoway	026	61018	80038	00105	654//	02715	81617	83625	85656
Berbecula	022	10911	82010	97804	00902	02715	81070		
Tiree	100	71125	70031	95605	1565/	52715	81633	87359	
Aldergrove	917	81017	58616	90904	873//	02720	83707	88709	
Malin	980	81036	68606	90305	864//	01732	86715	87718	
Belmullet	976	80922	61215	83005	864//	03722	86716	87635	
Birr	965	81012	60606	83006	6632/	05717	83708	86714	88458
Dublin	969	81116	65616	86705	863//	05715	83707	88712	
Shannon	962	81010	70035	81407	854//	05503	82715	85620	88630
Roches Point	952	11213	62216	81310	16400	09801	81711		
Valentia	953	61311	70256	79509	62500	08107	86820		

OBSERVATIONS at 06h. 24 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	81216	48516	84608	872//	07730	86703	88706	
Hurn	862	81515	30636	84310	872//	10727	83705	85707	88710
Manston	797	81519	50615	91805	872//	05723	85704	88706	
Gatwick	776	81315	24596	88907	7722/	07727	82704	84706	87711
Kew	775	81008	58606	88706	873//	05725	84706	88708	
Heathrow	772	80909	56615	88306	872//	06726	85705	88707	
Honington	586	81212	15506	92104	870//	04723	88701		
Wattisham	590	81217	18516	92304	860//	04724	86701	88702	
Gorleston	497	81424	48616	93805	874//	04721	88715		
Aberporth	502	71013	65032	81205	5633/	04732	85708	87359	
Filton	628	81123	58516	82707	872//	07839	82704	86707	88710
Rhoose	715	80618	20586	80706	870//	06745	88701		
Hartland Point	703	70505	66506	77809	3152/	08526	83820	87460	
Mount Batten	827	82324	57218	79510	853//	09503	84706	88616	
St.Mawgan	817	72314	60206	78409	761//	09303	83702	86706	
Scilly	804	72616	75036	80110	784//	08214	83818	86625	
Culdrose	809	22420	56016	79410	21300	08214	81708		
Guernsey	894	72022	62218	84710	753//	09605	82706	87614	
Elmdon	534	90911	06477	88702	9////	02825	89///		
Cardington	559	80912	20517	89504	872//	04727	88703		
Wittering	462	80913	08627	91003	860//	03724	88701		
Watnall	354	80712	03467	91101	860//	01622	88701		
Shawbury	414	81108	25046	87902	861//	50729	88702		
Finningley	360	80709	25687	92201	872//	01722	88704		
Spurn Point	396	81128	50616	93004	874//	03726	88715		
Leeming	257	81011	50616	94103	863//	02717	88707		
Tynemouth	262	81232	66636	95605	8062/	02714	88530		
Carlisle	222	81115	62022	92304	855//	01726	86621	88637	
Valley	302	20715	65011	85203	25602	00715	82640		
Ringway	334	81018	67026	90002	854//	51821	83712	85622	88638
Squires Gate	318	80918	67036	90002	854//	01719	84619	88629	
Ronaldsway	204	81030	58046	87904	863//	02721	81706	85710	88712
Mull of Galloway	131	81527	60606	88505	873//	02710	82708	88715	
Eskdalemuir	162	80812	50687	93602	854//	50719	85710	88620	
Prestwick	135	71018	70022	91203	754//	00720	82616	87656	
Abbotsinch	140	80914	58046	93004	5542/	01720	81714	85618	88460
Leuchars	171	71122	57052	95906	754//	02719	85615	87630	
Dyce	091	81012	60808	98505	894//	02711	81712	81914	83816
Lerwick	005	81121	70268	07403	884//	51706	82812	84618	88632
Wick	075	81223	75026	00605	854//	02709	83618	85636	88656
Sule Skerry	010	81124	74608	01806	3252/	05706	83820	88458	
Cape Wrath	049	80925	84035	97804	855//	04615	88625		
Stornoway	026	70818	80021	97005	754//	03716	82618	83623	87637
Berbecula	022	40917	82011	93905	25632	01618	82630	83070	
Tiree	100	81026	60032	91705	856//	00718	83630	88647	
Aldergrove	917	81016	57616	87603	873//	02807	83707	88710	
Malin	980	81034	65606	87205	864//	02715	85715	87718	
Belmullet	976	80916	62215	80506	864//	05612	83710	88715	
Birr	965	81012	56106	81507	864//	06813	86710	88628	
Dublin	969	81114	70026	84206	864//	04711	88710		
Shannon	962	71112	66036	79707	6543/	07811	83710	85630	85359
Roches Point	952	80811	57108	79309	864//	08712	84712	88639	
Valentia	953	82307	70618	78209	864//	08503	88715		

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_hE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	06031	02	rrd.r.d.r.	d.idrir.r.
Hurn	862	11061	04	rrr.	r.Rrd.r.-r.
Manston	797	03021	01	r.s.rs.r.d.r.	r.r.Rr
Gatwick	776	08021	01	rsr.d.r.drd.d.	drd.r.d.r.DR
Kew	775	01031	02	r.[illegible]	r.Rrr.r.
Heathrow	772	03031	02	r.r.d.r.d.d.	d.d.rdr
Honington	586	02021	01	r.r.rd.r.drd.	d.d.-d.r.d.r.
Wattisham	590	05021	01	r.rrd.d.	d.d.d.r.dr
Gorleston	497				
Aberporth	502	92041	01	r.r.	+
Filton	628	03041	03	d.r.d.	d.d.drd.d.r.
Rhoose	715	02051	03	d.d.id.r.	ir.rd.r.d.d.
Hartland Point	703	01072	05		
Mount Batten	827	05091	07	pr.rPr.	r.Rr.r
St.Mawgan	817	02081	06	r.drd	dd.
Scilly	804	01092	08	id.ir.	pr
Culdrose	809	04082	07	ir.	rrr.r.
Guernsey	894	05071	05	irrrr.r.pr.	pr.d.r.ir.
Elmdon	534	06005	50	r.s.r.s.rss.s	r.s.r.s.ffr.R
Cardington	559	04011	50	ir.r.s.rss	d.d.-d.r.-r.r.
Wittering	462	10005	51	rsrsssff	s.d.r.rdrff
Watnall	354	08006	51	rsr.s.ssff	r.s.ffr.FF
Shawbury	414	01015	51	r.s.r.s.d.r.	r.r.d.r.
Finningley	360	06001	51	r.r-rsrsss	ss.r.s.d.r.-r.
Spurn Point	396			ir.r.r.rsrs	rsrsr.r.id.
Leeming	257	02021	51	r.r.	r.r.
Tynemouth	262	04012	50	ir.	rrir.
Carlisle	222	00501	54	+	+
Valley	302	01021	00	r.r.rr	+
Ringway	334	97021	01	r.r.	r.
Squires Gate	318	91011	51	r.s.r.s.r.r.	+
Ronaldsway	204	02031	03	r.r.rr	pr.
Mull of Galloway	131	96031			
Eskdalemuir	162	91531	56	s.is.	s.s.r.s.r.r.
Prestwick	135	00501	54	+	+
Abbotsinch	140	97011	51	+	r.
Leuchars	171	01011	51	+	r.r.r
Dyce	091	02041	02	r.ir.	pr.ph.r.
Lerwick	005	96011	51	ir.pr.	pr.pr.s.ps.
Wick	075	01031	02	ir.	ir.pr.s.
Sule Skerry	010	91042	03		
Cape Wrath	049	01022	02	id	ir.
Stornoway	026	00041	03	+	+
Berbecula	022	00031	51	+	+
Tiree	100	97041	01	+	ir.
Aldergrove	917	03032	02	r.r.drr.r.	r.r.
Malin	980	9404	04		
Belmullet	976	9604	04		
Birr	965	0104	03		
Dublin	969	1605	04		
Shannon	962	0107	04		
Roches Point	952	0108	07		
Valentia	953	0307	06		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24001	80612	98022	87906	885//	00400	/////	/////	00005	10689	3//06	///09
L	99572	70204	24004	60630	98258	94708	684//	00726	84816	86640	0//05	11082	30908	10006
M	99669	10022	24004	51129	98038	21603	59400	00214	83918	/////	0//51	10609	30606	/////
R	99470	70169	24004	81809	97612	84010	856//	00709	88640	/////	0//07	11244	30000	32805

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24061	30613	98021	87706	38500	00400	/////	/////	05005	10687	3//06	//07
L	99572	70204	24064	70627	97808	90207	734//	00727	83914	83816	0//05	11098	30908	11006
M	99668	10020	24064	71322	98031	24101	68430	00105	83818	85640	0//53	10649	30605	/////
R	99470	70169	24064	83008	97016	83709	3562/	00227	83630	88460	0//08	11246	30000	32805

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O, Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42767

Date of Issue MONDAY 25 DECEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 24 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82017	60606	84009	6232/	09000	83706	85812	88550
Hurn	862	81716	45636	84810	7722/	10003	84705	86707	88525
Manston	797	81616	63215	88708	862//	07815	82705	88706	
Gatwick	776	82013	45606	86710	853//	09709	83707	87709	88616
Kew	775	81807	50616	85810	873//	09811	85706	88708	
Heathrow	772	81609	50586	85410	873//	09709	81706	85708	88712
Honington	586	81211	40215	87907	862//	06720	84703	88705	
Wattisham	590	81416	35216	88407	861//	07821	85702	88703	
Gorleston	497	81318	20616	90507	874//	05718	88710		
Aberporth	502	71916	65202	78208	7533/	08507	84708	84625	87650
Filton	628	81707	62606	81910	853//	09001	84707	88614	
Rhoose	715	81710	58626	81309	6537/	08008	81706	86650	87359
Hartland Point	703	72317	80216	79909	3447/	09115	81712	83640	87360
Mount Batten	827	72220	60056	82511	6837/	09212	82708	85813	87460
St.Mawgan	817	62313	65016	81610	5837/	08216	82707	83623	85360
Scilly	804	62719	65028	82411	28472	07217	81818	84360	
Culdrose	809	72516	64056	82010	7133/	08114	82708	83710	85814
Guernsey	894	71814	62606	85310	752//	10803	83703	85705	87650
Elmdon	534	81110	50615	83406	871//	05721	84702	88703	
Cardington	559	81310	35616	85308	872//	08720	86705	88707	
Wittering	462	81112	11616	86206	860//	06723	88700		
Watnall	354	80912	14616	85704	860//	04726	88701		
Shawbury	414	80912	23516	82404	871//	03725	82702	88703	
Finningley	360	80815	25637	86605	872//	05830	84703	88705	
Spurn Point	396	81225	40616	89106	874//	05725	88715		
Leeming	257	80811	57616	89405	873//	04726	85707	88709	
Tynemouth	262	81128	56606	91705	855//	04720	88620		
Carlisle	222	61016	75012	89304	58332	02819	82706	83645	
Valley	302	70720	64606	80405	753//	03719	81708	85622	87638
Ringway	334	70915	65216	84805	7547/	03726	83711	87620	87460
Squires Gate	318	80921	64606	84405	7547/	03726	84710	86640	88359
Ronaldsway	204	80830	61602	84205	853//	04722	81709	87711	88632
Mull of Galloway	131	71021	79026	85105	4853/	02718	82820	83625	
Eskdalemuir	162	80511	56617	90603	873//	01718	86708	88712	
Prestwick	135	70921	80032	88705	2844/	01819	81815	86359	
Abbotsinch	140	80816	70036	91104	854//	01815	82713	88618	
Leuchars	171	81023	63586	94705	7542/	02809	81710	86712	87630
Dyce	091	81118	40618	97305	853//	02810	81708	85612	88640
Lerwick	005	71030	70808	08102	684/1	00106	84815	83625	86075
Wick	075	71223	75158	99606	6247/	02808	83710	84815	87359
Sule Skerry	010	71124	74028	00006	684/1	04703	83810	86650	
Cape Wrath	049	80930	74026	97505	885//	04112	83820	88625	
Stornoway	026	70921	81808	96206	7843/	03803	81711	84817	85645
Benbecula	022	70822	81021	92606	6553/	02605	81624	86635	87362
Tiree	100	61026	83016	89907	48542	01807	81820	83640	
Aldergrove	917	70816	70026	85404	754//	01716	82710	84712	87616
Malin	980	71134	80016	85706	7843/	03811	86817	83640	
Belmullet	976	80813	62106	81406	864//	04009	85710	88716	
Birr	965	80610	40616	81106	6632/	05805	84706	86713	88458
Dublin	969	80919	56616	81306	863//	05709	85706	88709	
Shannon	962	80906	65608	80507	864//	05104	82710	85715	87625
Roches Point	952	80408	62606	79607	873//	07206	87709	88717	
Valentia	953	70000	82016	80608	785//	08111	81822	87635	

OBSERVATIONS at 18h. 24 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71909	62216	85008	762//	08212	86705		
Hurn	862	71907	62028	85509	754//	09312	82712	84620	86630
Manston	797	81708	57606	87007	852//	07500	81703	86704	88640
Gatwick	776	82009	56636	86609	853//	08307	84708	88650	
Kew	775	81805	60616	85609	856//	08206	85630	88656	
Heathrow	772	81606	65586	85209	6557/	08205	83622	86634	88460
Honington	586	81509	40636	86108	872//	08500	88704		
Wattisham	590	81611	30636	86807	872//	07301	88703		
Gorleston	497	81610	32616	87207	874//	06720	88715		
Aberporth	502	82415	58596	81008	853//	08317	86708	88627	
Filton	628	52306	70258	83909	58400	07220	82812	84650	
Rhoose	715	72310	78028	83908	5843/	06221	81816	85645	87359
Hartland Point	703	62725	86018	83509	68540	07130	83820	85630	
Mount Batten	827	72615	65022	85910	585/2	07326	81820	85656	87075
St.Mawgan	817	62514	80258	85509	3843/	05226	82814	84360	
Scilly	804	32823	80028	87310	18442	05232	81818	83075	
Culdrose	809	62714	70038	86409	58402	06227	82710	83818	
Guernsey	894	72314	60636	86709	752//	09309	82704	84625	87650
Elmdon	534	81706	58606	83208	853//	07310	81706	86711	88625
Cardington	559	81710	62216	84809	4567/	08302	84640	88360	
Wittering	462	81510	58216	84608	6522/	08301	82705	86614	88460
Watnall	354	81507	30636	83507	872//	07302	86704	88707	
Shawbury	414	81302	11606	81906	852//	06305	83703	85618	88640
Finningley	360	81112	50636	83607	853//	07505	83707	85710	88614
Spurn Point	396	81120	40636	86007	874//	06503	88715		
Leeming	257	81012	58636	84506	873//	05618	88708		
Tynemouth	262	81130	56636	87306	8052/	05715	88520		
Carlisle	222	80913	64616	85305	6532/	03711	82709	85615	88459
Valley	302	81712	45616	79308	872//	08304	88704		
Ringway	334	81208	56636	82507	4637/	06500	83709	88460	
Squires Gate	318	80914	50586	81805	854//	05704	87713	88625	
Ronaldsway	204	80922	60636	80807	872//	06609	84705	88707	
Mull of Galloway	131	80927	78026	81505	3542/	04709	81710	83625	88459
Eskdalemuir	162	80514	40636	87103	873//	02705	84709	88715	
Prestwick	135	70819	68602	86605	3547/	03608	81712	83618	87359
Abbotsinch	140	80818	70022	87405	854//	03814	83712	88620	
Leuchars	171	81030	59616	91406	7532/	03710	81709	83712	87618
Dyce	091	80920	56616	95405	854//	03605	82710	87612	87618
Lerwick	005	81025	60278	07602	894//	51400	82912	84815	88625
Wick	075	81127	62808	98605	884//	02001	85813	88628	
Sule Skerry	010	81130	66258	99305	7642/	05205	87710	88460	
Cape Wrath	049	81137	66606	94904	874//	04716	88710		
Stornoway	026	71022	80028	94306	785//	01708	83820	86624	
Benbecula	022	10920	81011	90506	15630	01505	81635		
Tiree	100	70715	86032	88406	785//	02502	82825	87635	
Aldergrove	917	80818	60586	82705	863//	04705	82708	88711	
Malin	980	80932	70216	84607	864//	04003	84715	87717	
Belmullet	976	80708	62216	83005	864//	03210	84712	85716	88635
Birr	965	83202	48106	82205	863//	05115	88709		
Dublin	969	82502	25586	80506	861//	05307	82702	88705	
Shannon	962	70000	40106	83005	754//	05217	81715	83625	87645
Roches Point	952	32506	65016	83507	28430	06224	81814		
Valentia	953	22003	82018	83607	28500	05218	81824		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	07091	000	d_orRr_o	r_orRr_o
Hurn	862	08111	000	$r_orRrrr_or_o$	pr_or_o
Manston	797	03091	000	$ir_od_or_od_or_orr$	$rrr_od_or_oir_o$
Gatwick	776	07101	000	$d_o-r_ord_or_orr$	$r_or_od_or_orr_o$
Kew	775	04101	000	rr_or_orr	r_or_o
Heathrow	772	04111	000	$drd_or_od_or_orr$	$r_od_or_o$
Honington	586	08081	000	$id_od_or_o-r_or$	r_orRir_o
Wattisham	590	08082	000	$d_or_orrr_o$	r_or_orr
Gorleston	497		000		
Aberporth	502	02091	000	id_oir_o	$d_or_odrr_or_o$
Filton	628	02101	000	$d_or_orr_opr_o$	$prpr_o$
Rhoose	715	01101	001	$ir_orir_opr_o$	pr_o
Hartland Point	703	01101	001		
Mount Batten	827	01111	000	drr_o	pr_o
St.Mawgan	817	01111	008	r_o	pr
Scilly	804	97121	029	pr_o	+
Culdrose	809	92111	003	ir_oid	pr_o
Guernsey	894	09111	000	$ir_or_or_oird_or_o$	ir_oirRrr
Elmdon	534	07091	000	$rr_od_orRrr_o$	$r_orRrr_or_o$
Cardington	559	05091	000	r_or_orr	$r_or_orr_o$
Wittering	462	13081	000	drrR	rrr_o
Watnall	354	11082	000	$r_oFFrrffRr_or_o$	rrffr$_o$
Shawbury	414	03072	000	$d_or_orr_or_off$	ffr_or_o
Finningley	360	12072	000	r_or_orrdr	drRrrr$_o$
Spurn Point	396			$ir_or_or_orr$	rr
Leeming	257	10072	000	$d_or_or_or$	rr
Tynemouth	262	20072	000	ir_orr	rr
Carlisle	222	03062	001	ir_o	rr_or_orr
Valley	302	03091	000	$ir_orririr_o$	$ird_or_or_or_oir_o$
Ringway	334	03081	000	r_or_o	$dr-r_orrr_od_or_o$
Squires Gate	318	03061	000	$ir_ord_or_or_or_o$	$rr_or_od_or_odr$
Ronaldsway	204	03081	000	rr_or_o	r_or_ordr
Mull of Galloway	131	02051			
Eskdalemuir	162	04032	000	r_or_o	r_orr
Prestwick	135	95051	011	+	$ir_or_or_o$
Abbotsinch	140	02061	000	ir_o	d_or_or
Leuchars	171	09062	000	$r_or_od_or_or$	r_or_orr
Dyce	091	06051	000	$pr_orr_or_o$	rrr_or_o
Lerwick	005	01031	000	pr_os	ph_o
Wick	075	03061	000	$pr_os_oprphr_o$	$pr_ophr_or_or_o$
Sule Skerry	010	01071			
Cape Wrath	049	97081	000	ir_o	ir_o
Stornoway	026	94061	000	pr_o	pr_o
Benbecula	022	00071	000	+	+
Tiree	100	97071	008	+	ir_o
Aldergrove	917	02062	000	$d_o-d_or_or_o$	$r_or_orrdrd_or_od_o$
Malin	980	9207	003		
Belmullet	976	9706	000		
Birr	965	0206	000		
Dublin	969	0406	000		
Shannon	962	9308	000		
Roches Point	952	0309	001		
Valentia	953	0510	007		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

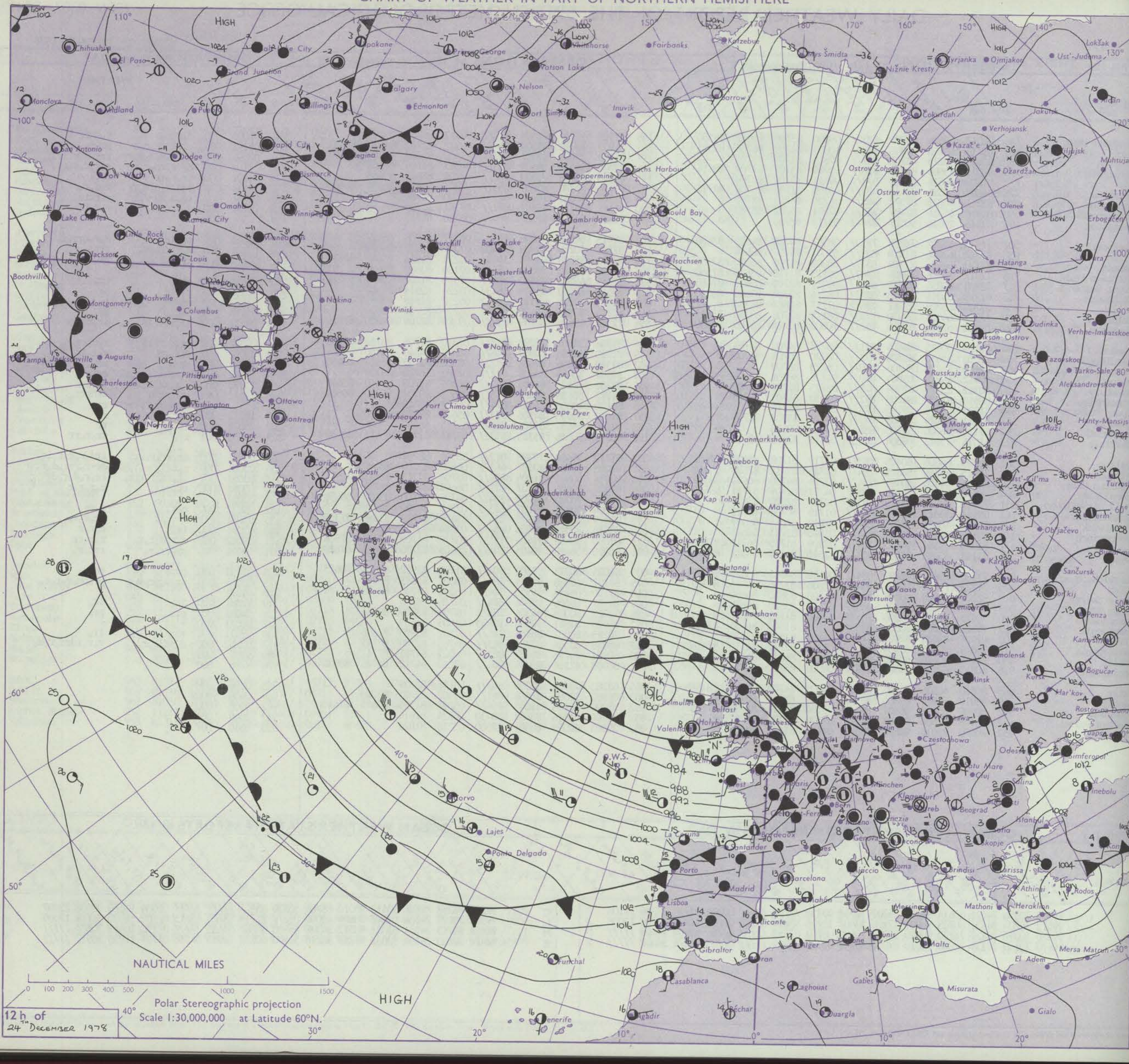
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99519	70356	24121	80614	98021	85707	5855/	43720	/////	/////	00005	10733	30706	21108
	99572	70204	24124	80733	98028	87108	52407	11714	85818	88272	0//02	11099	31009	12008
	99670	10017	24124	71123	98028	25200	75600	00103	87632	/////	0//56	10654	30605	/////
	99470	70169	24124	72828	96818	87009	69463	00320	85911	/////	0//08	11279	30807	/////

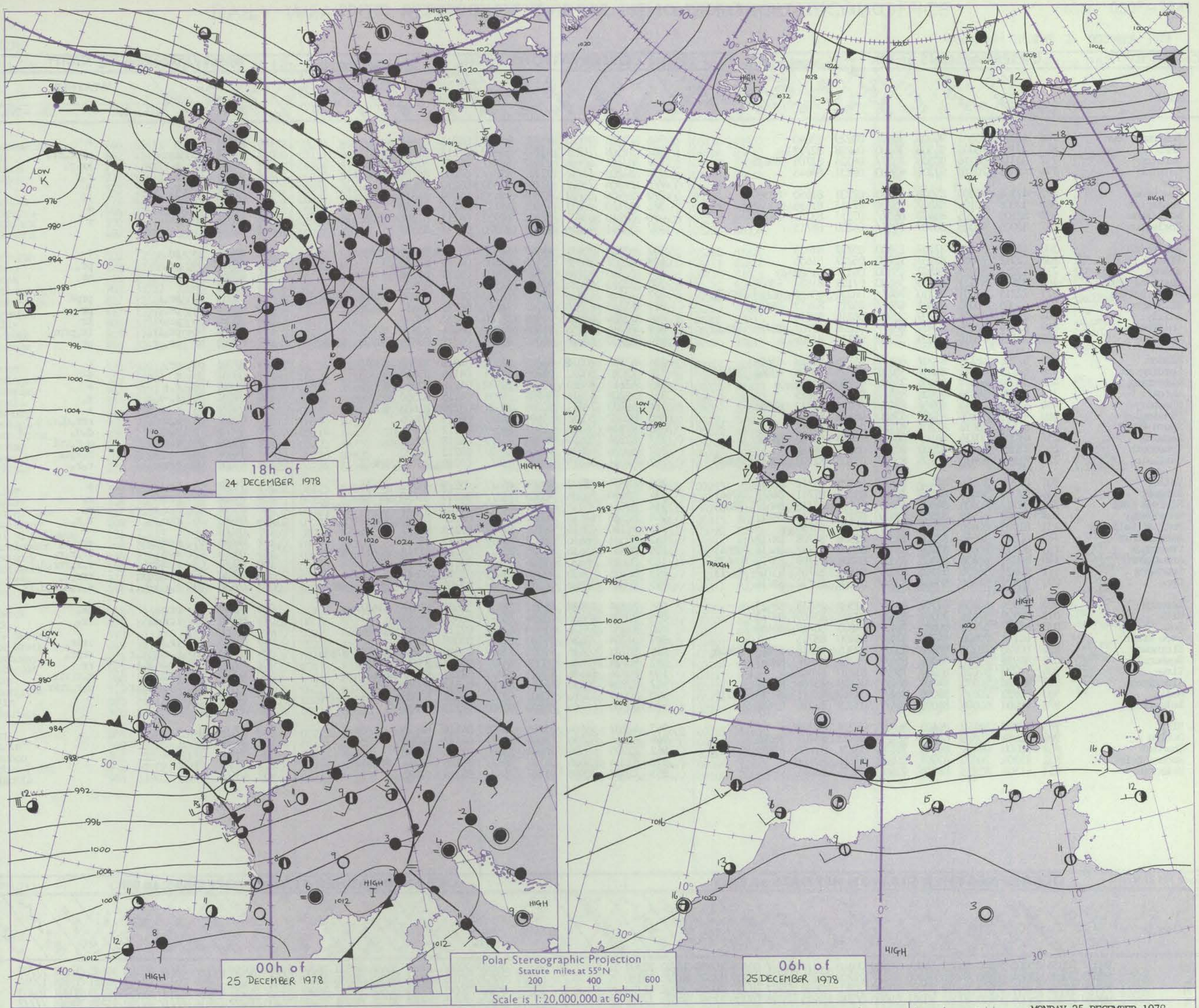
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99522	70357	24181	60412	98018	83706	58530	83307	/////	/////	05004	10676	30606	22007
	99573	70199	24184	80747	96616	83009	852//	21719	83705	85615	0//07	11080	31114	12009
	99669	10015	24184	61021	98012	24300	65600	00801	86635	/////	0//56	10643	30604	/////
	99470	70168	24184	52631	97259	90210	59400	00232	81913	84816	0//07	11255	30912	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday MONDAY 25 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a trough of low pressure moved slowly from southwestern areas to Northern Ireland and northern England preceded by an occlusion which became slow-moving over south Scotland and the North Sea to Denmark. The cold southeast to easterly airflow ahead of the trough veered to a mild west to southwesterly over southern and central areas behind the trough.

During the next 24 hours the occlusion is expected to continue moving slowly north over Scotland with a broad trough of low pressure from the Atlantic across most of the British Isles to Denmark, while a further frontal trough moves into southern parts of the UK from the southwest.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

OBSERVATIONS at 00h. 25 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	42314	75031	90706	35601	05229	83640		
Hurn	862	32106	70036	91308	36400	06228	82712		
Manston	797	82311	60216	90309	853//	08324	82708	88635	
Gatwick	776	42408	70016	91207	45600	06231	84645		
Kew									
Heathrow	772	42108	75036	89908	15730	07231	81650	83360	
Honington	586	32008	40106	88807	15701	07317	81656	83072	
Wattisham	590	82109	14106	89407	860//	07217	83701	88702	
Gorleston	497	82005	48026	88907	864//	06209	88715		
Aberporth	502	12312	65016	87107	15600	05227	81635		
Filton	628	12312	75011	88907	15700	05227	81656		
Rhoose	715	12311	82021	88807	15500	06127	81620		
Hartland Point	703	32519	82021	88509	38500	07122	81824	83635	
Mount Batten	827	72213	57801	90210	784//	08212	83814	86623	87650
St.Mawgan	817	61805	70038	89807	684//	05211	81812	86630	
Scilly	804	22511	80018	90209	22400	06210	82818		
Culdrose	809	82214	60606	89809	883//	08208	82707	83709	88620
Guernsey	894	22121	80016	93009	21300	08116	81709		
Elmdon	534	62108	66256	87407	684//	05224	82818	85624	
Cardington	559	62213	81011	88807	35731	05225	83656	83362	85077
Wittering	462	32010	66011	87806	35600	05220	83636		
Watnall	354	81909	56056	86806	854//	05220	88615		
Shawbury	414	81605	70216	85907	854//	06226	82712	88614	
Finningley	360	41505	56106	85906	45600	06114	84640		
Spurn Point	396	81510	20616	87207	874//	06210	88715		
Leeming	257	81008	50216	86107	862//	07213	83703	88705	
Tynemouth	262	81029	56636	87806	8052/	05306	88520		
Carlisle	222	81014	60616	85106	853//	05203	82708	85615	88630
Valley	302	82320	70026	84107	854//	06225	83712	88616	
Ringway	334	72009	58626	86107	754//	05223	81711	84618	87642
Squires Gate	318	81912	40636	84806	854//	06222	83710	84617	88635
Ronaldsway	204	82007	62616	82508	854//	07213	83711	88617	
Mull of Galloway	131	81020	60626	82605	874//	05309	88710		
Eskdalemuir	162	80513	50596	87204	873//	02306	86708	88712	
Prestwick	135	80818	65616	85404	854//	03000	81712	86618	88645
Abbotsinch	140	80821	60636	87305	7532/	04201	81709	83712	86615
Leuchars	171	80927	56636	91405	872//	04804	82705	85707	88713
Dyce	091	80821	57636	95904	854//	03204	86710	88616	
Lerwick	005	80924	65858	07702	884//	51500	84813	88623	
Wick	075	80929	57616	99304	873//	03303	83709	88712	
Sule Skerry	010	81037	57606	00105	7642/	04205	86710	88460	
Cape Wrath	049	81144	70606	94704	874//	04400	88715		
Stornoway	026	80920	78238	95806	854//	02305	86618	87623	88656
Benbecula	022	80924	77216	91506	854//	02205	81616	88643	
Tiree	100	70720	87016	89207	756//	01210	87643		
Aldergrove	917	80306	50596	84304	862//	04209	83705	88707	
Malin	980	80925	70616	86006	864//	04310	83711	86716	88719
Belmullet	976	80000	60506	86005	864//	03213	86716	87636	
Birr	965	80000	56102	86405	863//	05217	88709		
Dublin	969	82614	70606	84105	862//	04223	83703	88705	
Shannon	962	30000	04424	86903	35100	03221	81702	83625	
Roches Point	952	13201	70020	87904	15600	03222	81637		
Valentia	953	41504	82258	88104	42500	03221	84824		

OBSERVATIONS at 06h. 25 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72105	70031	93305	656/2	04215	86645		
Hurn	862	52508	70218	93203	55600	07213	81640	85657	
Manston	797	82111	60608	93507	884//	06107	81815	88635	
Gatwick	776	82209	65216	93307	853//	07208	84709	88615	
Kew	775	22004	75021	92705	25500	05210	82620		
Heathrow	772	21906	66021	92505	18430	05209	81815		
Honington	586	32110	60011	91605	15732	04115	81650		
Wattisham	590	52210	65031	92404	10932	04213	81362	85078	
Gorleston	497	52011	64216	91607	50970	05211	85358		
Aberporth	502	52509	70031	91507	58500	05222	84820		
Filton	628	42507	80038	92405	45600	04219	84640		
Rhoose	715	12510	82028	92507	18400	05221	81818		
Hartland Point	703	32813	86038	92709	32500	05224	83825		
Mount Batten	827	72719	45816	94809	7833/	07233	83706	83818	87630
St.Mawgan	817	72313	65808	94707	784//	06231	84811	87630	
Scilly	804	22824	80016	95909	25600	06237	82640		
Culdrose	809	72714	63258	95508	784//	06234	82818	87622	
Guernsey	894	82530	62808	96009	894//	06319	83814	84920	86650
Elmdon	534	42108	70038	91305	20932	04218	82362	83070	
Cardington	559	72210	80022	91805	35771	04115	83650	86359	
Wittering	462	42112	80026	90905	20932	04216	82362	83075	
Watnall	354	52208	62016	90105	20931	04215	82360	85070	
Shawbury	414	42105	78011	90204	25531	03220	81620	83075	
Finningley	360	82007	50216	89106	855//	06213	88626		
Spurn Point	396	82208	58516	89507	865//	06212	88725		
Leeming	257	82204	50604	89006	855//	05218	88620		
Tynemouth	262	81026	61636	89606	8052/	05212	88520		
Carlisle	222	81011	68616	88306	853//	05216	83709	88616	
Valley	302	82521	75022	88808	854//	05219	83712	88618	
Ringway	334	72010	70026	90006	755//	04219	81620	87628	
Squires Gate	318	82411	70216	89006	854//	05221	81615	83620	88626
Ronaldsway	204	82516	61616	86807	852//	06227	81705	85711	88617
Mull of Galloway	131	91110	02616	84507	9////	07210	89///		
Eskdalemuir	162	80311	56616	89403	874//	02113	88710		
Prestwick	135	80817	65616	87605	854//	03216	81712	86617	88640
Abbotsinch	140	80818	56636	89705	3742/	03215	83712	88542	
Leuchars	171	80925	59636	92905	854//	03210	88615		
Dyce	091	80818	57606	96504	853//	03204	81708	86712	88620
Lerwick	005	70814	75038	06302	784//	52607	81812	87637	
Wick	075	80928	65056	00104	855//	00306	88620		
Sule Skerry	010	81137	57876	01604	6342/	02210	86910	88460	
Cape Wrath	049	81144	70626	95203	874//	03009	88710		
Stornoway	026	80721	65616	97005	7542/	03305	85714	86619	87636
Benbecula	022	80724	70636	93005	854//	03104	85711	88620	
Tiree	100	80816	61636	89905	854//	03207	85717	88627	
Aldergrove	917	82809	20636	86805	860//	04317	85700	88702	
Malin	980	80917	61616	87507	6732/	06208	83709	85711	86718
Belmullet	976	20000	65105	88803	25600	02215	82637		
Birr	965	42207	56104	89805	45600	04216	84630		
Dublin	969	82614	60036	88905	862//	04222	88703		
Shannon	962	22005	66034	90404	25600	03118	82640		
Roches Point	952	82314	65608	91707	854//	05216	83714	88635	
Valentia	953	72008	70808	91407	735//	06219	87922		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	91031	50	+	+
Hurn	862	01051	03	lpr	prpr$_o$rr$_o$
Manston	797	01051	02	r$_o$rir$_o$	pr$_o$r$_o$
Gatwick	776	92051	50	r$_o$	r$_o$r
Kew	775	92031	53	r$_o$	+
Heathrow	772	91031	51	r$_o$	if
Honington	586	92041	02	r$_o$	+
Wattisham	590	00031	00	+	+
Gorleston	497				
Aberporth	502	97051	03	id$_o$	+
Filton	628	92041	00	pr$_o$	pr$_o$
Rhoose	715	02061	02	pr$_o$	pr$_o$
Hartland Point	703	01072	04		
Mount Batten	827	05071	05	pr$_o$r$_o$	prpR
St.Mawgan	817	03061	04	pr$_o$r	pr
Scilly	804	02081	06	prpr$_o$	ir
Culdrose	809	03072	05	pr$_o$ir$_o$	ir$_o$prpr$_o$
Guernsey	894	03081	07	pr$_o$pr	pr$_o$
Elmdon	534	97031	01	pr$_o$	+
Cardington	559	00041	01	+	+
Wittering	462	96041	02	r$_o$r	+
Watnall	354	01032	50	d$_o$–r$_o$r	r$_o$
Shawbury	414	95031	51	r$_o$r	+
Finningley	360	02051	03	r$_o$r	rrr$_o$d$_o$r$_o$
Spurn Point	396			r$_o$r$_o$	d$_o$d$_o$
Leeming	257	03052	04	r$_o$rd$_o$r$_o$	d$_o$r$_o$rrf
Tynemouth	262	14052	04	rrr$_o$r$_o$	r$_o$r$_o$rr
Carlisle	222	03051	04	rrr$_o$r$_o$	r$_o$r$_o$
Valley	302	91071	06	ir$_o$	+
Ringway	334	01051	05	r$_o$rr	r$_o$
Squires Gate	318	05061	05	d$_o$r$_o$rrir$_o$	r$_o$
Ronaldsway	204	04061	05	rRr$_o$r$_o$	r$_o$r$_o$
Mull of Galloway	131	04052			
Eskdalemuir	162	06021	01	rrr$_o$dr	rrr$_o$r$_o$
Prestwick	135	01031	02	r$_o$r$_o$	ir$_o$r$_o$r$_o$
Abbotsinch	140	10041	03	r$_o$rRrr	r$_o$r$_o$rrr$_o$d$_o$r$_o$
Leuchars	171	18042	03	rrr$_o$r$_o$rr	rrr$_o$r$_o$
Dyce	091	07032	03	r$_o$r$_o$rd$_o$r$_o$	d$_o$r$_o$d$_o$r$_o$d$_o$ir$_o$
Lerwick	005	92021	51	pr$_o$s$_o$	ps$_o$
Wick	075	02031	02	rrr$_o$r$_o$	ir$_o$
Sule Skerry	010	94032	02		
Cape Wrath	049	91032	02	ir$_o$	irir$_o$
Stornoway	026	05041	03	r$_o$r$_o$s$_o$r$_o$r	rr$_o$r$_o$
Benbecula	022	07041	03	ir$_o$r$_o$r$_o$r	rr
Tiree	100	03041	03	ir$_o$r$_o$	r$_o$r$_o$rir$_o$
Aldergrove	917	11042	03	d$_o$d$_o$drd$_o$r$_o$	d$_o$r$_o$rrRr$_o$
Malin	980	0806	05		
Belmullet	976	9101	51		
Birr	965	9704	01		
Dublin	969	9404	02		
Shannon	962	9702	51		
Roches Point	952	9103	01		
Valentia	953	0303	50		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	25001	50408	98022	85306	58500	00106	/////	/////	05104	10693	3//02	22/07
	99573	70196	25004	80750	94616	84508	872//	21209	88704	/////	0//07	11075	31218	12110
	99670	10012	25004	30915	98011	23000	35600	00708	83632	/////	0//57	10624	30402	11/03
	99470	70168	25004	62430	97018	93211	69400	00214	81913	85816	0//08	11268	31013	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	25061	30408	98021	86306	38500	00108	/////	/////	05104	10693	3//02	///07
	99573	70192	25064	80942	95516	89109	852//	21228	83705	86712	0//07	11021	31114	12010
	99670	10010	25064	80409	97717	19901	855//	00717	83625	88630	0//52	10629	30301	10/03
	99469	70171	25064	32328	98251	93010	38400	00222	81816	/////	0//08	11271	31016	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307–2541

No. 42768 Date of Issue TUESDAY 26 DECEMBER 1978

OBSERVATIONS at 12h. 25 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62413	82011	99108	58432	05224	81815	84656	
Hurn	862	42416	80011	99910	48430	07127	81815	83359	
Manston	797	62511	82026	97809	20942	06226	81360	85072	
Gatwick	776	52412	82031	99407	28532	06233	81820	84070	
Kew	775	22508	65021	98609	11432	06231	81818		
Heathrow	772	42413	75024	98409	11532	06231	81820	83075	
Honington	586	22414	68011	95908	15772	05224	81650		
Wattisham	590	52413	60011	96606	15602	05222	81640	85075	
Gorleston	497	52510	66012	95408	00904	05218	85075		
Aberporth	502	72516	65258	96207	734//	06223	81710	82915	85818
Filton	628	62308	80258	97808	59433	06123	82915	84640	
Rhoose	715	22516	70018	97609	29400	06122	81818	81920	
Hartland Point	703	32727	72030	97509	38500	07222	83820		
Mount Batten	827	12414	68028	00011	12400	07220	81818		
St.Mawgan	817	12212	75028	99511	18400	07120	81815		
Scilly	804	52515	62031	99511	22472	08211	82818		
Culdrose	809	12414	70021	99911	15602	08118	81630		
Guernsey	894	32421	81158	02511	28430	07224	81811		
Elmdon	534	52212	70021	96207	18532	04224	81820	84070	
Cardington	559	42317	81021	97008	20982	05225	81359	83075	
Wittering	462	32313	80011	95808	15702	05226	81650	83075	
Watnall	354	72407	56042	95206	40971	04122	83360	85070	
Shawbury	414	72008	80021	95507	22532	05226	82824	85360	87075
Finningley	360	72107	65022	93807	756//	05220	87630		
Spurn Point	396	72311	58015	93706	755//	05219	84625	87635	
Leeming	257	72602	60216	93406	754//	05220	86710	87626	
Tynemouth	262	80818	69616	93505	7557/	04220	87620		
Carlisle	222	81009	62616	93205	7542/	04224	81712	84624	86648
Valley	302	62418	80012	94209	23402	06125	81813	81915	86072
Ringway	334	72009	62026	94907	25642	04224	82630	84068	
Squires Gate	318	72513	62258	94107	53432	06223	81714	83918	85360
Ronaldsway	204	62415	65016	92608	58402	05225	83711	84820	
Mull of Galloway	131	72413	80156	91005	755//	05241	87625		
Eskdalemuir	162	80311	65606	93803	874//	01221	88710		
Prestwick	135	81015	65606	92205	854//	03223	81712	86620	87630
Abbotsinch	140	80917	75586	93605	7547/	03120	82714	87645	
Leuchars	171	80719	65616	96405	7832/	03213	81708	84812	86618
Dyce	091	80714	62606	98503	7532/	02005	82708	85711	86645
Lerwick	005	71110	70022	05802	5847/	52706	82815	84630	87359
Wick	075	80920	70607	01803	6542/	00106	83712	84618	85630
Sule Skerry	010	81130	74028	03104	6847/	02207	84815	88458	
Cape Wrath	049	81137	74606	99303	875//	02220	88720		
Stornoway	026	70822	80216	99405	5543/	02111	82714	84619	87360
Benbecula	022	80722	75616	96005	6542/	03116	82711	85616	88460
Tiree	100	80817	82616	93306	6552/	04216	81625	86632	88459
Aldergrove	917	82408	66616	91404	6722/	04222	83703	85707	88550
Malin	980	81017	70606	91007	862//	05215	81705	87712	
Belmullet	976	60000	72024	92206	35632	05217	83640	85359	
Birr	965	72206	81018	94107	685/2	05223	82820	85636	
Dublin	969	52205	80022	93506	48502	03121	83820	85070	
Shannon	962	22207	83011	93809	18502	06117	81822		
Roches Point	952	22107	80806	95409	28402	07116	81817		
Valentia	953	51807	80038	94208	22502	06215	82822	84070	

OBSERVATIONS at 18h. 25 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	12209	70011	01506	18531	05110	81820		
Hurn	862	72208	62031	01910	68431	06106	83710	84625	
Manston	797	12110	82021	02405	00902	04122	81072		
Gatwick	776	32207	80031	02406	34403	05214	83615		
Kew	775	02105	80021	01906	00900	05218			
Heathrow	772	02106	80011	01307	00900	05215			
Honington	586	72211	78031	00107	785//	05222	82826	87643	
Wattisham	590	52215	65018	00706	55600	05221	85641		
Gorleston	497	62109	66031	99407	6097/	05220	86358		
Aberporth	502	12010	75028	98506	11500	05212	81820		
Filton	628	22107	75021	00307	22400	04111	82818		
Rhoose	715	51907	68031	00108	58431	06110	81818	84650	
Hartland Point	703	52115	70216	99408	54500	05312	85620		
Mount Batten	827	72217	60219	01009	58538	07305	83820	84640	85275
St.Mawgan	817	71907	70028	00408	755//	06307	87628		
Scilly	804	32620	60258	00010	38400	08305	83815		
Culdrose	809	62111	65208	00308	55302	08005	81706	84630	
Guernsey	894	72216	65808	03608	7847/	06105	85818	86650	
Elmdon	534	22009	66028	99605	25600	04217	82640		
Cardington	559	52212	68026	00807	45702	05221	84656		
Wittering	462	52210	70018	99706	385/2	05221	81822	83640	85075
Watnall	354	62207	56101	98905	656//	04121	86640		
Shawbury	414	51707	75018	98507	55402	05217	85618		
Finningley	360	72008	62022	97605	00902	04220	87075		
Spurn Point	396	62510	60022	97806	6097/	05222	86360		
Leeming	257	80000	58106	97605	852//	04222	84704	88616	
Tynemouth	262	80813	69026	97305	835//	04218	84925	88630	
Carlisle	222	81008	62616	96205	855//	03212	85622	88645	
Valley	302	22316	78011	97009	28401	07215	81815		
Ringway	334	72008	60022	98106	656/2	05216	86630		
Squires Gate	318	72111	62022	97107	48532	06214	81820	84645	86072
Ronaldsway	204	72506	80011	96208	784//	06115	86814		
Mull of Galloway	131	82413	80616	94807	853//	05220	82708	88625	
Eskdalemuir	162	80307	57616	96902	873//	01214	88706		
Prestwick	135	81011	65616	95604	854//	03215	82616	88618	
Abbotsinch	140	80913	62596	97404	854//	03215	81712	84628	88645
Leuchars	171	80916	62616	98605	883//	02113	81708	83812	87620
Dyce	091	80815	62608	00203	854//	01211	82711	85614	88620
Lerwick	005	80614	75852	05202	884//	53701	83814	83620	88650
Wick	075	80919	59618	02602	853//	50304	82709	85712	88622
Sule Skerry	010	81119	60258	02604	4242/	01001	84810	88458	
Cape Wrath	049	81130	66616	00802	874//	02107	88710		
Stornoway	026	70714	80022	00404	5547/	02305	83615	85625	87360
Benbecula	022	80815	80026	97505	5547/	02104	82618	84635	86360
Tiree	100	80817	75216	95505	855//	03211	85627	88635	
Aldergrove	917	72108	58216	94505	753//	05217	81708	83712	87616
Malin	980	82412	72616	93406	7632/	05214	84706	86713	88458
Belmullet	976	31001	70111	93803	25632	02210	82640		
Birr	965	31603	70038	95904	15602	03113	81636	83070	
Dublin	969	12305	58101	96206	15600	04216	81640		
Shannon	962	71305	80031	95406	757//	05208	87656		
Roches Point	952	81606	62808	96608	834//	08210	82815	81915	88632
Valentia	953	71507	65218	95107	764//	07109	84714	87640	

OBSERVATIONS during DAY

Station	iii	RRTTx E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00101	043	jp	+
Hurn	862	01111	039	+	pr₀prpR
Manston	797	00101	021	+	+
Gatwick	776	91101	041	+	pr₀
Kew	775	00091	041	+	+
Heathrow	772	00091	035	ifF	+
Honington	586	00091	056	+	jp
Wattisham	590	92081	035	+	pr₀
Gorleston	497		038		
Aberporth	502	01091	025	pr₀	pr₀
Filton	628	01101	029	pr₀	pr₀
Rhoose	715	03101	044	pr₀prpr₀	pr₀
Hartland Point	703	03102	049		
Mount Batten	827	03111	044	+	pRtlRpr₀
St.Mawgan	817	97111	042	jp	pr₀
Scilly	804	94111	026	pr₀	id₀pr₀
Culdrose	809	02111	042	+	ir₀id₀
Guernsey	894	01111	035	jp	pr₀
Elmdon	534	91081	033	pr₀	+
Cardington	559	94091	037	Rr₀	pr₀
Wittering	462	91091	039	+	pr₀
Watnall	354	00091	023	+	+
Shawbury	414	97091	023	pr₀	+
Finningley	360	00081	001	+	+
Spurn Point	396			+	+
Leeming	257	04062	000	r₀r₀rr	r₀r₀r
Tynemouth	262	02062	000	r₀	pr₀r₀r₀
Carlisle	222	05051	000	r₀r₀rrr₀	r₀r₀rRr₀r
Valley	302	00101	022	+	+
Ringway	334	97091	005	r₀	+
Squires Gate	318	01081	015	ir₀pr₀prpR	+
Ronaldsway	204	91081	016	r₀r₀	+
Mull of Galloway	131	03072			
Eskdalemuir	162	05032	000	r₀r₀	r₀r₀rr
Prestwick	135	04051	000	r₀ir₀r₀r₀rr	rrr₀r₀d₀r₀dr
Abbotsinch	140	03051	000	d₀r₀d₀r₀r₀	d₀r₀drr
Leuchars	171	03051	000	r₀r₀	r₀r₀
Dyce	091	04041	000	r₀r₀rpr₀	r₀r₀ir₀
Lerwick	005	97033	000	+	ps₀
Wick	075	02042	000	ir₀r₀s₀pr₀s₀	pr₀r₀r₀ir₀
Sule Skerry	010	01052			
Cape Wrath	049	04052	000	ir₀	r₀r₀rr
Stornoway	026	01051	000	r₀r₀	r₀ir
Benbecula	022	03051	000	rrr₀r₀ir₀	ir₀
Tiree	100	02061	000	r₀r₀ir₀rr	ir₀
Aldergrove	917	03052	000	rr₀r₀	r₀
Malin	980	0807	000		
Belmullet	976	9709	023		
Birr	965	9709	029		
Dublin	969	0008	020		
Shannon	962	9710	041		
Roches Point	952	0110	035		
Valentia	953	0209	015		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

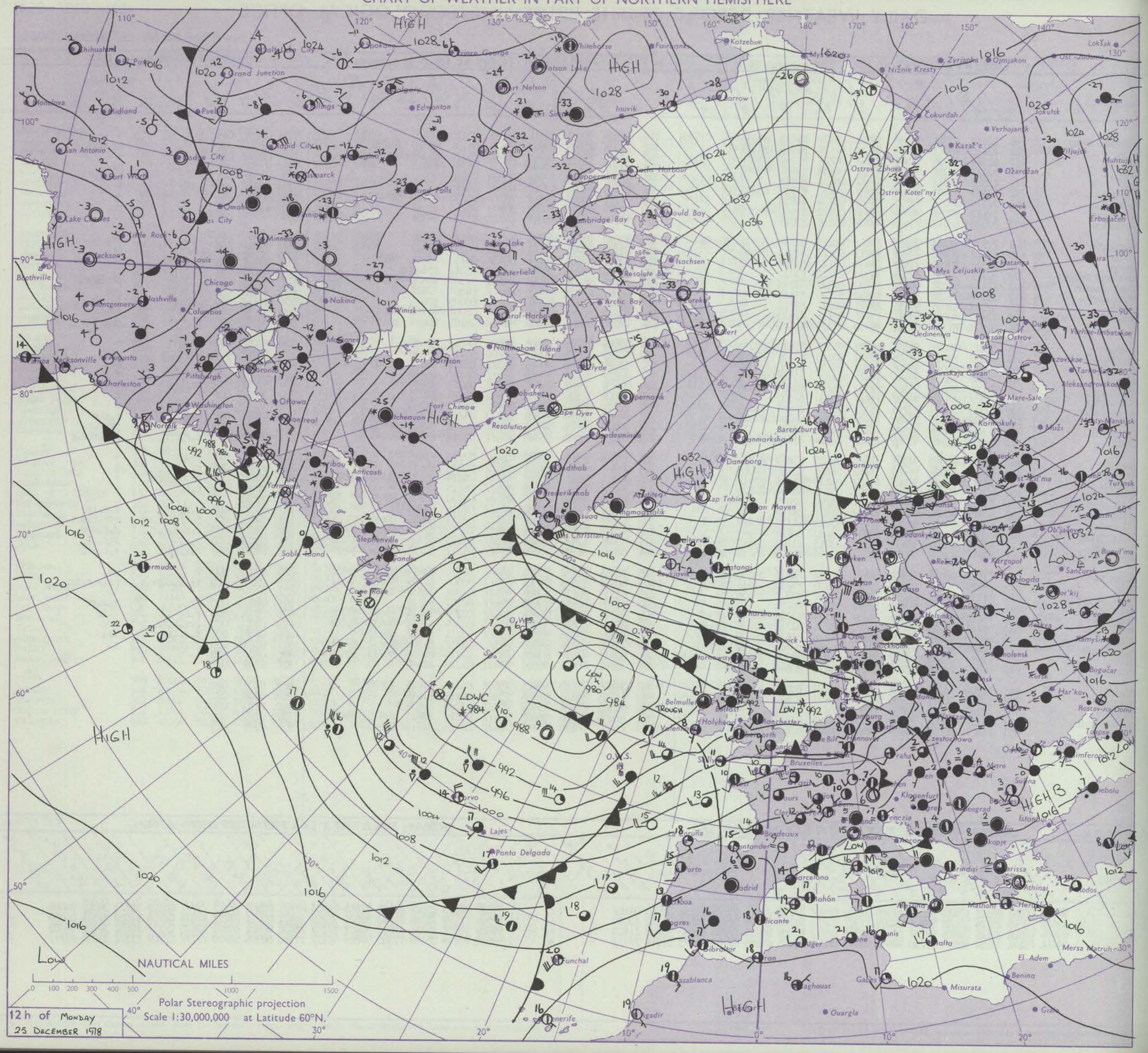
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25121	63410	98011	87306	31530	00002	/////	/////	05105	10694	30303	04107
L	99573	70190	25124	81030	96626	94009	7732/	21220	84709	86714	0//07	11040	31012	13010
M	99669	10008	25124	71405	98237	17401	58378	00712	82808	85639	0//00	10610	30000	11803
R	99469	70170	25124	82023	97258	94012	4847/	00000	83815	88359	0//09	11273	31014	/////

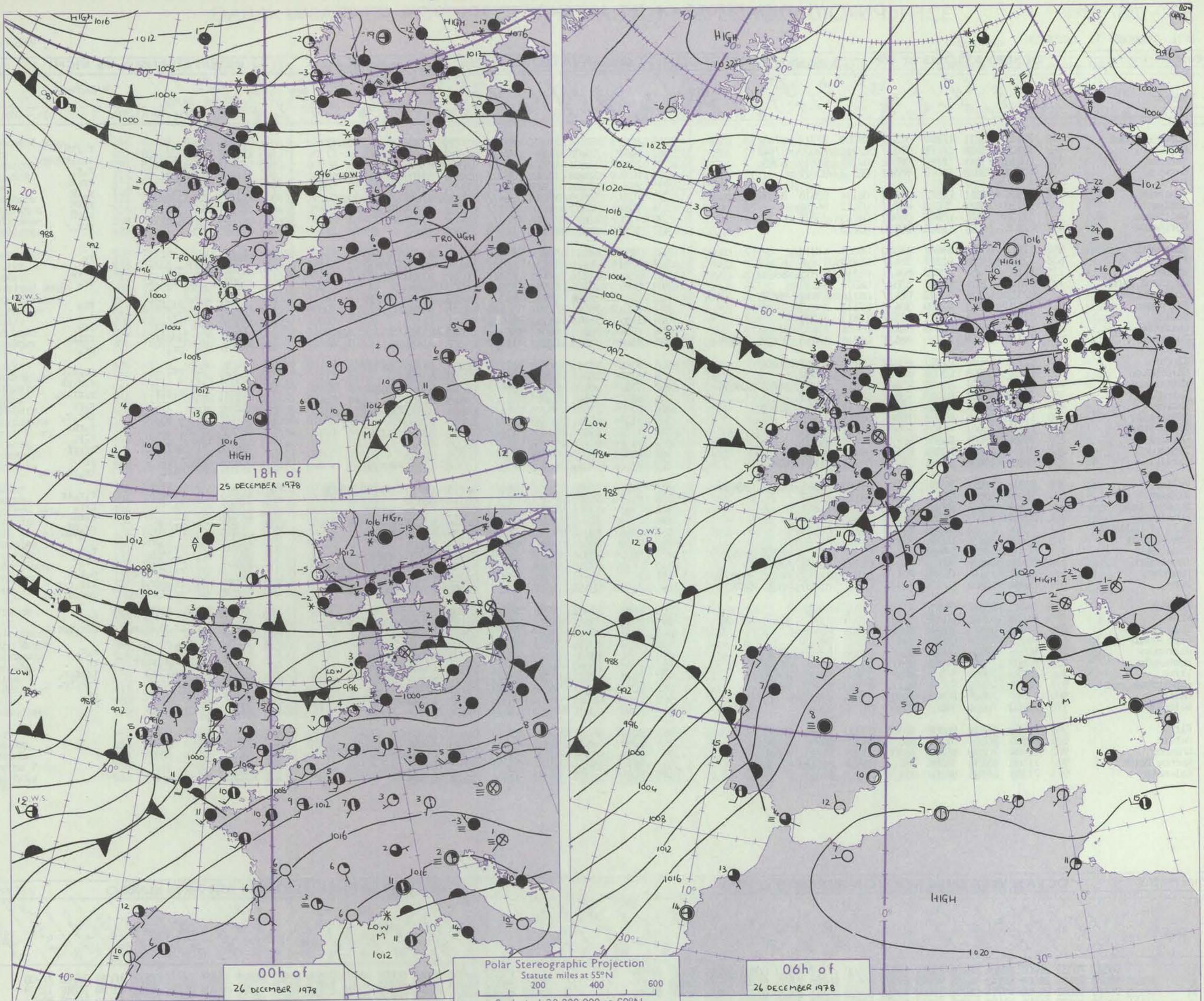
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25181	83508	97606	85406	8742/	00505	/////	/////	05105	10673	30302	04006
L	99574	70193	25184	70843	98026	95708	58472	00011	81712	83816	0//06	11030	31112	05009
M	99669	10007	25184	40611	98011	17202	38430	00301	81810	83630	0//51	10631	30201	99/03
R	99470	70169	25184	12533	97018	92112	11540	00326	81820	/////	0//07	11271	31014	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday TUESDAY 26 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a broad trough of low pressure persisted over much of the British Isles with an occlusion becoming almost stationary over southern Scotland and an occluding frontal system moving northeast of southwestern parts of England and Wales.

During the next 24 hours a deepening depression is expected to move northeast towards southwest Ireland with frontal troughs moving northwards over the British Isles.

Code FM 11.V — OBSERVATIONS at 00h. 26 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72111	70211	03807	754//	07209	82712	87632	
Hurn	862	72106	70038	04309	755//	07212	82620	87647	
Manston	797	42210	75018	04808	38402	07212	81815	83656	
Gatwick	776	42107	75038	04707	35401	06212	83617		
Kew									
Heathrow	772	51905	70011	03807	35430	06114	82616	83359	
Honington	586	62110	70031	03106	657//	05112	86650		
Wattisham	590	52109	56101	03904	00902	04213	85075		
Gorleston	497	02108	66021	02806	00900	05215			
Aberporth	502	11917	68028	99807	18400	06004	81818		
Filton	628	72106	75038	02807	784//	06214	81818	87645	
Rhoose	715	82107	65258	02607	884//	06114	84815	88640	
Hartland Point	703	82622	72026	01210	855//	08307	88620		
Mount Batten	827	82312	65258	03610	884//	08114	83818	88630	
St.Mawgan	817	81810	70021	02809	3547/	07113	83618	88460	
Scilly	804	81919	60636	00711	8052/	10813	88520		
Culdrose	809	82013	60505	02410	884//	09004	83710	88630	
Guernsey	894	72217	66258	06310	484/2	08216	82810	83645	86075
Elmdon	534	62108	64018	01907	684//	05110	81818	86650	
Cardington	559	72107	68028	03006	7093/	05111	87360		
Wittering	462	82007	70601	02605	855//	04112	82625	86634	88656
Watnall	354	72202	56101	02003	756//	02112	87645		
Shawbury	414	71604	80021	01206	755//	04111	83624	87635	
Finningley	360	11202	56101	01202	10941	01215	81362		
Spurn Point	396	12110	64021	01505	10970	04312	81360		
Leeming	257	90000	09476	00504	9////	04112	89/00		
Tynemouth	262	81014	69216	00306	855//	04209	88620		
Carlisle	222	71106	62036	99204	754//	04214	81712	87616	
Valley	302	81910	70251	99308	884//	07110	81815	85824	88634
Ringway	334	31909	65011	01105	35600	03212	83645		
Squires Gate	318	31909	68011	99905	28402	03111	81817		
Ronaldsway	204	20102	82031	98503	21400	03111	82816		
Mull of Galloway	131	22304	82016	97906	25600	05215	82630		
Eskdalemuir	162	83405	50216	99701	872//	01110	88705		
Prestwick	135	81110	60636	97604	853//	03108	83708	86710	88616
Abbotsinch	140	80808	56636	98703	873//	02208	83707	88712	
Leuchars	171	81017	75606	00405	854//	02207	81712	86616	88630
Dyce	091	80910	65606	02103	854//	01211	81710	85615	87630
Lerwick	005	40715	82018	06701	45600	54207	84632		
Wick	075	81113	62607	03203	854//	00003	83712	85616	88628
Sule Skerry	010	80918	66616	03903	8092/	02205	88458		
Cape Wrath	049	81125	74656	01202	875//	01502	88720		
Stornoway	026	80916	62616	00403	854//	02804	85710	88625	
Benbecula	022	80909	75606	98204	854//	03002	83618	88640	
Tiree	100	81225	70606	96405	855//	03801	82620	88625	
Aldergrove	917	82006	40101	97503	861//	03110	82702	88704	
Malin	980	11907	70016	95604	15600	03109	81635		
Belmullet	976	20903	70031	94503	25600	02103	82640		
Birr	965	71606	66021	96507	45602	05000	84630	86070	
Dublin	969	81504	70216	97507	856//	04002	86630	86650	
Shannon	962	31404	70016	95605	35400	05803	81715	83640	
Roches Point	952	71508	65258	96508	784//	06804	81818	87630	
Valentia	953	71208	65808	94108	724//	06812	87819		

OBSERVATIONS at 06h. 26 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82118	62636	01610	6722/	09725	82704	86712	88527
Hurn	862	82021	59636	02811	874//	10717	83710	88714	
Manston	797	82112	75601	05509	3562/	08303	83635	88462	
Gatwick	776	81909	50628	04509	7532/	08806	83708	86635	88558
Kew	775	81706	62616	03409	3742/	08804	83715	88556	
Heathrow	772	81505	59616	03208	2547/	08806	81617	86359	88462
Honington	586	72005	58021	03306	3527/	06002	81705	83640	87359
Wattisham	590	71807	40102	04006	763//	05704	87707		
Gorleston	497	52108	66031	03706	50970	05803	85358		
Aberporth	502	52219	65211	98607	55500	06608	83625	85640	
Filton	628	82514	70616	00010	853//	09624	84709	88620	
Rhoose	715	81807	65216	00008	853//	08520	82708	88622	
Hartland Point	703	82622	78026	98710	855//	09302	88620		
Mount Batten	827	82218	50606	01610	853//	09006	82709	88629	
St.Mawgan	817	72012	70016	00810	50978	08310	85460	87270	
Scilly	804	12522	76016	01211	00902	09215	81075		
Culdrose	809	82316	60026	01411	852//	10313	83703	85706	88626
Guernsey	894	12016	78021	05211	11430	09506	81816		
Elmdon	534	81407	60611	00706	1732/	05811	81706	88556	
Cardington	559	82009	60601	02907	855//	07803	88625		
Wittering	462	81906	50106	02505	856//	05603	83630	88647	
Watnall	354	81605	30101	01205	862//	04805	88704		
Shawbury	414	81405	72601	99206	854//	05816	81615	84622	88635
Finningley	360	71204	15101	00603	757//	03805	87650		
Spurn Point	396	71706	62021	02405	3567/	04302	83645	87360	
Leeming	257	91406	07476	01503	9////	03205	89//		
Tynemouth	262	81808	56028	00306	855//	05005	88620		
Carlisle	222	71106	58021	98405	755//	04709	82625	87638	
Valley	302	81510	62636	96107	854//	06718	82710	86622	88628
Ringway	334	81711	65026	99507	857//	05712	88650		
Squires Gate	318	71411	57106	98506	2565/	05712	82640	87358	
Ronaldsway	204	71510	70018	96108	782//	08614	85705	84817	85645
Mull of Galloway	131	81607	82216	95707	852//	07717	82705	88625	
Eskdalemuir	162	83406	50026	99002	862//	01708	88705		
Prestwick	135	50906	68016	97104	35331	04707	81708	83630	
Abbotsinch	140	70707	62016	97904	753//	03704	82707	85712	87616
Leuchars	171	81214	70616	99705	853//	03708	81708	87712	88616
Dyce	091	81013	58687	01903	854//	01703	81710	85612	87615
Lerwick	005	80814	81021	07002	856//	53304	88634		
Wick	075	81115	62687	03103	853//	01101	82709	85615	88626
Sule Skerry	010	81024	32616	03003	874//	03802	88710		
Cape Wrath	049	81124	70616	99802	874//	02709	88710		
Stornoway	026	81119	62636	99103	853//	02705	83708	88617	
Benbecula	022	80609	70606	96804	855//	03706	83620	88628	
Tiree	100	81223	62616	95006	853//	05710	86709	88616	
Aldergrove	917	60905	30252	95406	683//	05715	82706	83816	
Malin	980	11813	65100	94704	15300	03707	81707		
Belmullet	976	60403	70031	93002	654//	02604	82718	85640	
Birr	965	81407	60616	94106	864//	06608	88712		
Dublin	969	81503	70646	94807	6542/	05615	83716	85645	88558
Shannon	962	31908	65016	94106	35500	04304	81628	83640	
Roches Point	952	52113	65016	95409	554//	07011	81714	85632	
Valentia	953	21917	68029	93209	22400	06801	82919		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_h$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	12051	01	r₀r	r₀rrR
Hurn	862	11082	05	pr₀r₀r₀	r₀r₀rRpRpr₀
Manston	797	01051	02	pr₀	r₀r₀
Gatwick	776	05061	01	pr₀	rr₀r₀
Kew	775	07062	51	rr₀	r₀rR
Heathrow	772	06061	03	r₀	r₀rR
Honington	586	05051	03	+	r₀rR
Wattisham	590	04042	01	+	rrr₀r
Gorleston	497				
Aberporth	502	94071	03	+	ir₀
Filton	628	03071	01	r₀r	rrr₀
Rhoose	715	02061	02	pr₀r₀r	rr₀
Hartland Point	703	01072	07		
Mount Batten	827	11091	07	pr₀r₀r	rr₀
St.Mawgan	817	07071	06	rr	+
Scilly	804	09092	08	ir₀rr	ir₀
Culdrose	809	09091	07	id₀irrr	rrir₀
Guernsey	894	97101	07	pr₀	pr₀
Elmdon	534	95051	00	pr₀	rr₀r₀r
Cardington	559	03031	51	+	r₀r₀rR
Wittering	462	01031	01	r₀d₀r₀	r₀rr₀r₀
Watnall	354	03022	52	+	r₀rr
Shawbury	414	01031	53	+	rRr₀r₀
Finningley	360	02011	53	+	r₀rR
Spurn Point	396			+	r₀r₀
Leeming	257	01022	51	rr₀f	ffrff
Tynemouth	262	01051	04	r₀r₀	pr
Carlisle	222	03031	01	rRr₀	ir₀rr₀rir₀
Valley	302	05071	04	prrr	r₀r₀ir
Ringway	334	02041	03	r₀	rrr₀
Squires Gate	318	06011	51	r₀	r₀rR
Ronaldsway	204	10021	51	pr₀pR	pr₀pR
Mull of Galloway	131	01052			
Eskdalemuir	162	03011	01	rrr₀r₀	r₀r
Prestwick	135	06021	51	drr₀r₀r	ir₀r
Abbotsinch	140	04031	03	rr₀r₀d₀r₀dr	d₀r₀r₀
Leuchars	171	03041	03	ir₀r₀r₀r	rrr₀r₀r
Dyce	091	03031	02	ir₀d₀r₀ir₀s₀	rsr₀s₀r₀s₀
Lerwick	005	97013	52	+	ps₀
Wick	075	04022	01	ir₀ir₀s₀r₀r₀	r₀r₀rsr₀s₀
Sule Skerry	010	04022	02		
Cape Wrath	049	09012	01	RR	r₀r₀
Stornoway	026	11032	02	ir₀r₀r₀rr	rr
Benbecula	022	95031	02	r₀r₀ir₀	ir₀r₀r₀
Tiree	100	05051	04	ir₀r₀r	rrr₀ir₀
Aldergrove	917	94022	01	+	pr₀
Malin	980	9103	00		
Belmullet	976	9702	51		
Birr	965	0405	00		
Dublin	969	9604	00		
Shannon	962	0305	02		
Roches Point	952	0408	05		
Valentia	953	0706	01		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	26001	82804	96106	85707	864//	00400	/////	/////	00006	10691	3////	///06
	99573	70196	26004	80742	96638	96807	873//	62001	88706	/////	0//07	11074	31112	12008
	99669	10002	26004	40715	98251	18802	48400	00109	81818	84630	0//50	10638	30402	99/02
	99470	70170	26004	52422	97038	95512	52500	00210	85820	/////	0//09	11253	31014	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	26061	80808	94105	89506	864//	00224	/////	/////	05006	10687	3//02	///08
	99572	70203	26064	80742	96516	98908	873//	61216	84708	88712	0//05	11054	31012	12009
	99669	10000	26064	80626	98038	20403	884//	00315	82818	88630	0//53	10623	30605	99/02
	99471	70169	26064	71408	97022	94512	785//	00815	81820	86640	0//09	11243	30000	25006

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42769

Date of Issue WEDNESDAY 27 DECEMBER 1978

Code FM 11.V — OBSERVATIONS at 12h. 26 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72408	80026	04410	26434	08113	82711	83362	87075
Hurn	862	82213	60038	04912	3637/	10213	81708	83710	88463
Manston	797	82118	66216	04811	853//	09000	82709	86616	88640
Gatwick	776	72114	57216	05211	753/2	10011	85708	87613	
Kew	775	72213	68026	04012	62431	09007	85710	83365	
Heathrow	772	72210	70026	03912	58432	10109	84814	83362	85075
Honington	586	62110	78016	02910	15632	09107	81630	86073	
Wattisham	590	62215	68016	03510	15452	08104	81612	86075	
Gorleston	497	52211	58016	02809	5097/	09713	85358		
Aberporth	502	72118	65038	00610	38532	07111	82820	87070	
Filton	628	72408	70036	03210	10936	08113	81365	87272	
Rhoose	715	72210	67031	03209	11579	07112	81824	87175	
Hartland Point	703	82520	62032	02409	11517	09213	81820	83460	88275
Mount Batten	827	72011	59026	04211	3537/	11207	81708	83625	87460
St.Mawgan	817	81909	62032	03411	563/7	09007	85708	88270	
Scilly	804	82113	60031	03211	865//	10005	88720		
Culdrose	809	82211	45102	03811	56237	11007	82703	83705	88268
Guernsey	894	72018	68028	06712	68571	10105	81820	86650	
Elmdon	534	42109	68036	01710	18434	07212	81815	83075	
Cardington	559	72212	75036	03010	15532	08113	81620	83363	87072
Wittering	462	32212	72036	01810	00904	07208	83075		
Watnall	354	12112	48058	00709	11401	07303	81815		
Shawbury	414	32316	75036	99910	33401	06208	81918	83630	
Finningley	360	51408	57106	99607	56300	07605	83706	83710	
Spurn Point	396	61406	56216	01306	65600	06803	86630		
Leeming	257	81509	19216	99205	861//	05810	88702		
Tynemouth	262	81613	30636	99506	8052/	06605	88520		
Carlisle	222	70707	65616	98005	754//	04001	81714	83622	87640
Valley	302	12413	80016	98810	18401	07228	81815		
Ringway	334	12013	68026	99609	18400	05308	81818		
Squires Gate	318	22417	65018	98409	28400	06309	81818		
Ronaldsway	204	73602	61806	98207	784//	05218	81713	85824	87645
Mull of Galloway	131	82014	82616	96806	15527	04318	81620	86459	88270
Eskdalemuir	162	80902	58616	98704	874//	03203	88712		
Prestwick	135	80807	62216	97905	854//	05208	81710	84712	87618
Abbotsinch	140	80609	40636	98805	6532/	05009	81706	83714	85620
Leuchars	171	81119	63616	00506	873//	04209	82707	86710	88712
Dyce	091	80914	30587	03104	853//	02309	82709	86711	88614
Lerwick	005	80711	82028	08103	7847/	53207	81815	86632	88460
Wick	075	81117	65617	04503	5532/	01210	83709	84615	88459
Sule Skerry	010	81124	66256	04304	5242/	03208	85815	88458	
Cape Wrath	049	81135	70606	01103	875//	03008	88720		
Stornoway	026	81017	65616	99904	854//	03308	82710	84616	88625
Benbecula	022	80807	80616	97904	855//	04111	84620	88630	
Tiree	100	31520	80016	97107	38400	05216	81715		
Aldergrove	917	71907	60012	97705	752//	04319	81705	86617	87635
Malin	980	71609	75258	96506	784//	05215	86710	85640	
Belmullet	976	30607	82011	94906	35402	05114	81717		
Birr	965	61707	75258	96307	685//	06107	84820	85630	
Dublin	969	70000	62258	97507	784//	06111	86818	85630	
Shannon	962	72009	82016	95709	55402	06214	81716	84640	
Roches Point	952	72116	75021	98010	18432	07315	81815	83360	87072
Valentia	953	72211	80038	97010	12476	07230	81819	83360	87270

OBSERVATIONS at 18h. 26 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82012	68022	04210	862//	09202	86704	88707	
Hurn	862	81910	65016	04611	6532/	10801	81709	86631	88460
Manston	797	82114	65022	05810	5547/	09204	81710	85614	88360
Gatwick	776	82015	65022	05311	654/7	09203	81711	86656	88272
Kew	775	82205	65022	04811	5552/	09207	85620	88459	
Heathrow	772	82203	60022	04711	854//	09307	88618		
Honington	586	72006	65032	04608	30932	07111	83362	87072	
Wattisham	590	71802	68032	05307	45478	07110	84615	84362	87270
Gorleston	497	02206	66011	05007	00900	06214			
Aberporth	502	81810	60012	00808	3577/	08002	83650	88460	
Filton	628	82006	62032	02810	45677	08400	84649	85362	88272
Rhoose	715	81507	70022	02409	35477	07803	81616	83622	85462
Hartland Point	703	82315	64022	00911	854//	09808	85710	88630	
Mount Batten	827	81813	60216	02611	4537/	10707	82708	83620	88460
St.Mawgan	817	81710	65606	01611	853//	10705	83707	88650	
Scilly	804	82017	40636	00210	852//	09712	86705	88646	
Culdrose	809	81914	40636	01911	5722/	10604	83703	88550	
Guernsey	894	61510	62022	04611	45732	09810	84656	84360	
Elmdon	534	81910	64031	03007	20937	05004	82362	88270	
Cardington	559	82106	65022	04307	35577	06210	83625	84363	88270
Wittering	462	62007	68011	04007	30932	06113	83362	86075	
Watnall	354	71806	48101	03106	25732	06215	82650	83363	87070
Shawbury	414	71908	67021	01807	785//	05211	82823	86640	
Finningley	360	41808	56101	02206	45602	05217	84640		
Spurn Point	396	21807	62011	03106	20970	05214	82360		
Leeming	257	42007	80036	01906	38540	04222	83820		
Tynemouth	262	82804	39106	00806	855//	06320	88625		
Carlisle	222	80000	58106	01305	854//	04221	81714	84620	88632
Valley	302	72220	65028	99609	58438	07206	81816	85635	87275
Ringway	334	62107	60031	02207	55631	05210	85630		
Squires Gate	318	70502	62258	01206	784//	05214	82818	86822	
Ronaldsway	204	80709	70218	99707	884//	06207	81711	83818	88624
Mull of Galloway	131	31408	82016	99706	38500	05209	81820	83625	
Eskdalemuir	162	80000	62026	01204	853//	03215	85709	88625	
Prestwick	135	71206	56042	00505	754//	05211	82712	87622	
Abbotsinch	140	81006	50106	00906	862//	06212	81704	86705	
Leuchars	171	80917	62616	02806	883//	04115	81708	83812	87618
Dyce	091	80911	59216	04905	854//	03215	86613	88619	
Lerwick	005	80507	80022	09502	884//	51209	81816	88628	
Wick	075	71116	75018	06504	6847/	01116	83814		
Sule Skerry	010	81118	74808	06205	3242/	03213	83815	88458	
Cape Wrath	049	80942	66606	02003	874//	02004	88715		
Stornoway	026	41116	75016	02105	35432	03316	81618	83625	
Benbecula	022	71308	80036	00006	755//	04220	85621	85630	
Tiree	100	71322	82016	99707	784//	05316	82818	86630	
Aldergrove	917	21107	56108	99004	15530	04310	81628		
Malin	980	31108	75011	98205	35400	03111	81712	83624	
Belmullet	976	10202	75284	95803	16432	02105	81718		
Birr	965	81503	59102	97507	864//	05209	86711	88628	
Dublin	969	72002	59108	98508	756//	05210	87636		
Shannon	962	81506	82032	97007	5567/	06208	85630	87460	
Roches Point	952	81105	65022	97809	1547/	08802	81714	88461	
Valentia	953	70707	82022	96007	3152/	06707	83821	87460	

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00111	000	+	+
Hurn	862	97121	000	pr_or_o	r_o
Manston	797	94111	000	$r_or_oir_o$	+
Gatwick	776	05111	000	rRr_o	+
Kew	775	91121	003	r_o	+
Heathrow	772	97121	000	+	r_o
Honington	586	00101	001	+	+
Wattisham	590	01112	000	rr_o	r_od_o
Gorleston	497		010		
Aberporth	502	94101	000	pr_o	$irir_o$
Filton	628	00101	005	+	+
Rhoose	715	00091	001	+	+
Hartland Point	703	91112	000		
Mount Batten	827	02111	000	ir_o	r_or
St.Mawgan	817	01121	000	+	ir_orr
Scilly	804	09122	000	+	ir_orr
Culdrose	809	05112	000	ir_o	id_oir_orr
Guernsey	894	97121	005	+	ir_o
Elmdon	534	00101	035	+	+
Cardington	559	01122	011	+	r_orR
Wittering	462	00101	022	+	+
Watnall	354	91101	020	pr_o	+
Shawbury	414	00101	029	+	+
Finningley	360	91091	021	ir_o	+
Spurn Point	396			r_or_o	+
Leeming	257	04091	011	r_or_off	r_o
Tynemouth	262	04072	000	rr	rr
Carlisle	222	04051	000	$rrr_or_orr_or_o$	ff
Valley	302	01111	030	$prph_or_o$	pr_o
Ringway	334	97101	038	r_o	+
Squires Gate	318	03091	032	pr_opr	$prpr_o-r_or$
Ronaldsway	204	05091	011	pr_oprrr_o	ir_or
Mull of Galloway	131	01081			
Eskdalemuir	162	05051	000	rrr_or_or	+
Prestwick	135	03061	000	rrir	+
Abbotsinch	140	07061	000	$d_or_orrRd_or_o$	$d_or_od_or_o$
Leuchars	171	04061	000	r_or_or	rr_or_o
Dyce	091	01051	000	$r_or_od_or_o$	r_or_o
Lerwick	005	97033	000	ps_o	+
Wick	075	94041	000	$r_or_oir_o$	$r_or_opr_o$
Sule Skerry	010	02052			
Cape Wrath	049	04042	000	$irir_o$	ir_o
Stornoway	026	05051	000	r_or_o	r_or_o
Benbecula	022	09071	000	r_or_orrR	+
Tiree	100	01071	003	$pr_or_or_or$	+
Aldergrove	917	92072	004	r_opr_o	$d_o-d_or_o$
Malin	980	9307	010		
Belmullet	976	9709	046		
Birr	965	9409	001		
Dublin	969	0710	005		
Shannon	962	9709	018		
Roches Point	952	0010	000		
Valentia	953	9210	014		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 12h.

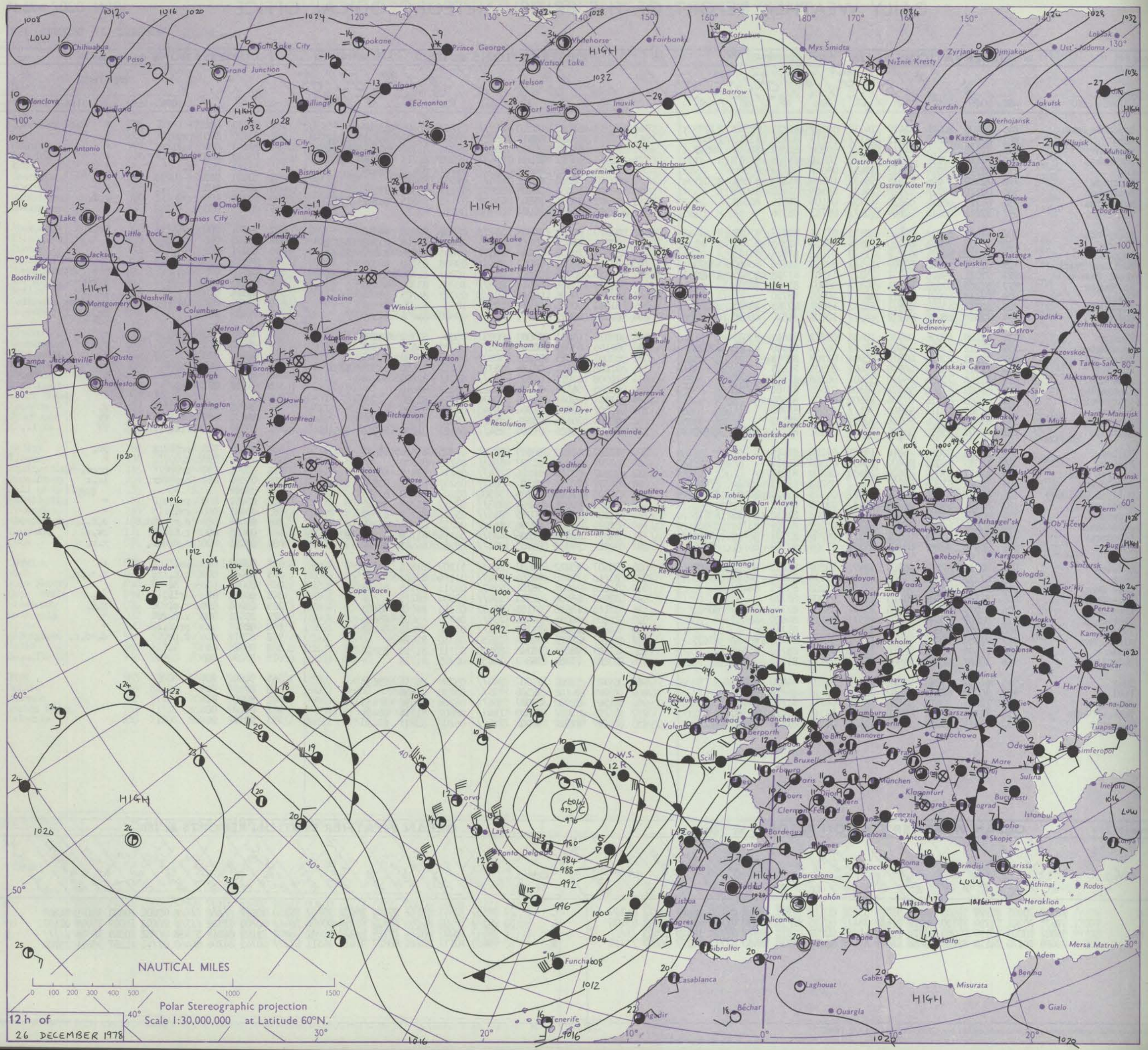
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26121	50405	98031	93007	35530	00217	/////	/////	00106	10693	3////	04209
L	99571	70201	26124	70730	98018	01607	784//	00116	82816	84650	0//02	11077	31009	03106
M	99667	70003	26124	70424	98272	22201	69442	00107	81812	84918	0//52	10620	30605	/////
R	99469	70170	26124	80930	96636	86511	4747/	00840	84710	88460	0//11	11277	30607	25210

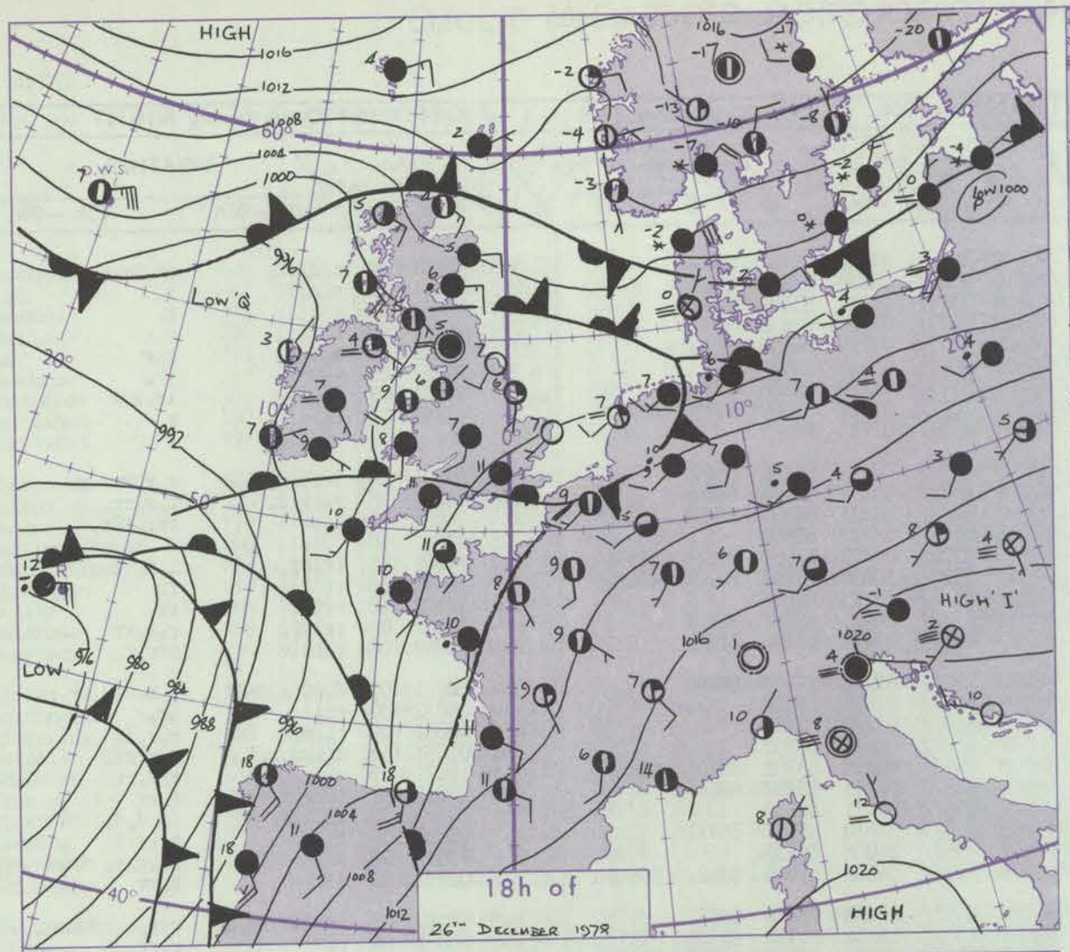
OCEAN WEATHER STATION REPORTS at 18h.

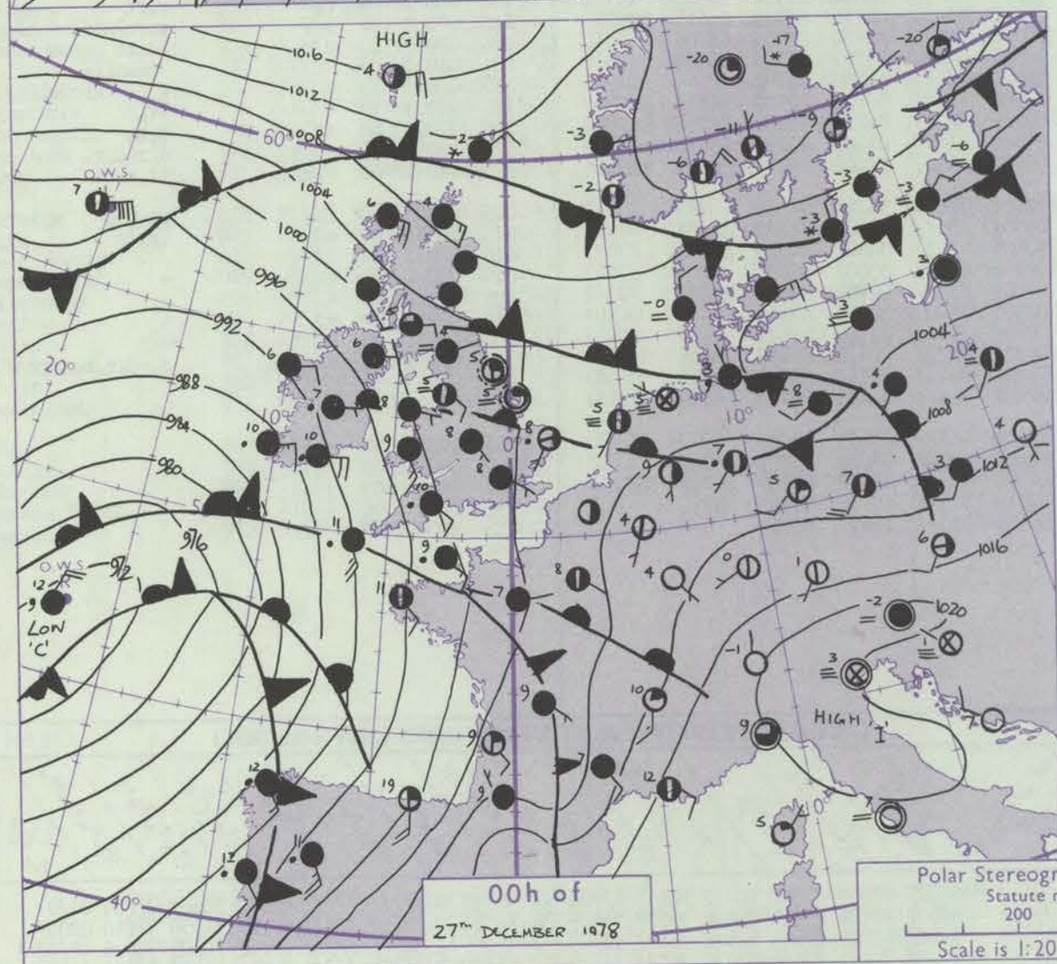
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26181	70306	98028	90707	78500	00812	/////	/////	00006	10680	30201	04309
L	99572	70203	26184	70735	98258	00406	734//	00706	85914	/////	0//03	11029	31009	02107
M	99667	70005	26184	70529	97038	22601	78400	21105	84815	87630	0//52	10563	30706	/////
R	99469	70171	26184	80827	97616	76511	6737/	00745	86706	88460	0//11	11267	30611	25204

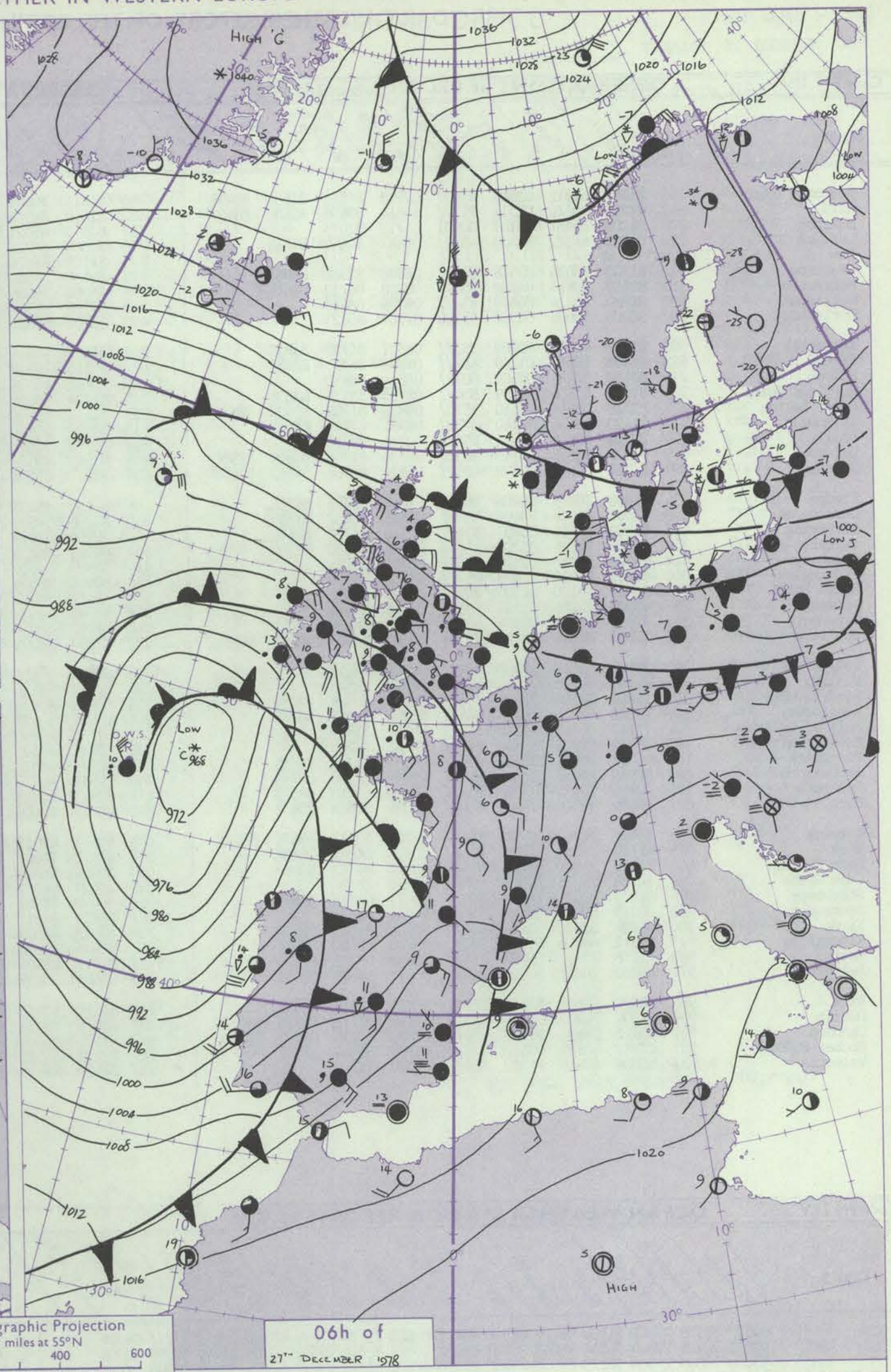
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday WEDNESDAY 27 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a depression west of Ireland has moved west, while a depression near the Azores has moved steadily northeast and deepened. Frontal troughs moving slowly north have affected all parts of the British Isles. To the north, high pressure has been maintained from Greenland to Scandinavia.

During the next 24 hours the depression to the southwest is expected to move north passing west of Ireland and, with the anticyclone intensifying over Greenland, the easterly winds over northern areas are expected to increase. Frontal troughs will continue to affect northern areas.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

OBSERVATIONS at 00h. 27 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81609	61612	02809	4542/	07813	81712	84650	88458
Hurn	862	81205	60616	02511	2577/	10814	82656	85359	88460
Manston	797	21708	66031	05107	00901	06713	82075		
Gatwick	776	81202	61022	04408	4577/	08811	84650	88362	
Kew									
Heathrow	772	81303	58036	03508	8097/	08808	82362	88468	
Honington	586	81102	09416	04108	854//	08708	86710	88616	
Wattisham	590	81710	40216	04609	854//	08709	88613		
Gorleston	497	52005	58606	04908	55500	07707	85625		
Aberporth	502	81617	62216	97809	853//	08821	85708	88630	
Filton	628	81506	60616	01409	854//	09808	86711	88635	
Rhoose	715	81110	58636	00509	8072/	08814	88550		
Hartland Point	703	81622	62636	96509	854//	08735	83715	88634	
Mount Batten	827	81216	58616	98110	3532/	09836	81708	83628	88550
St.Mawgan	817	81420	58636	96110	3732/	08731	83706	88545	
Scilly	804	81723	62606	93011	856//	10734	88638		
Culdrose	809	81315	50636	96110	3532/	09730	81708	83620	88550
Guernsey	894	81316	62616	00909	6537/	08824	82708	84613	85650
Elmdon	534	81406	30206	02208	860//	07809	83701	88702	
Cardington	559	71606	56106	03409	5573/	09810	85650	87359	
Wittering	462	81302	57616	03407	854//	07710	84710	88615	
Watnall	354	80000	28106	03206	1567/	06806	81630	88360	
Shawbury	414	80705	32216	01507	862//	06806	88705		
Finningley	360	80705	05424	02803	857//	03705	88650		
Spurn Point	396	20000	56100	04005	20970	04801	82360		
Leeming	257	63002	12286	03503	655//	03104	86620		
Tynemouth	262	62806	56102	03304	656//	04106	86630		
Carlisle	222	80802	40104	02604	853//	03000	81708	85623	88635
Valley	302	81107	60216	99508	854//	08805	88618		
Ringway	334	81606	60606	02508	856//	06000	88645		
Squires Gate	318	71208	50108	01605	755//	05803	82625	87656	
Ronaldsway	204	81207	68036	99808	664/7	08801	86713	88270	
Mull of Galloway	131	71117	66211	99805	755//	04807	87625		
Eskdalemuir	162	80310	50202	03504	872//	04208	88703		
Prestwick	135	60912	70031	02305	654//	04305	81714	86615	
Abbotsinch	140	80914	75032	03506	864//	03207	83710	88714	
Leuchars	171	80820	70026	05806	854//	03205	83713	88618	
Dyce	091	80809	65026	07305	854//	01105	83618	88632	
Lerwick	005	80416	70707	11402	854//	53210	82618	86628	88635
Wick	075	81113	75022	09104	855//	50210	84625	88632	
Sule Skerry	010	81119	72028	09605	4242/	04117	84815	88460	
Cape Wrath	049	81124	74026	06304	855//	04010	88620		
Stornoway	026	81018	70021	06106	854//	03215	84618	88645	
Benbecula	022	70913	80011	03006	756//	04211	87631		
Tiree	100	81122	82032	01407	854//	04004	84617	88626	
Aldergrove	917	80912	60206	99306	862//	05806	83704	88705	
Malin	980	71118	75031	98907	754//	05801	82715	87639	
Belmullet	976	80810	70031	93906	863//	06817	86707	87640	
Birr	965	80907	62606	94607	864//	06825	85713	86622	
Dublin	969	81204	70205	97308	854//	07814	82715	84628	86650
Shannon	962	80812	58636	91808	854//	07835	83715	85625	88640
Roches Point	952	80921	50636	90410	872//	09750	86704	88714	
Valentia	953	80816	60616	86710	864//	08859	88710		

OBSERVATIONS at 06h. 27 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81015	70606	97108	853//	07831	81707	88650	
Hurn	862	81010	66016	96710	3567/	08733	83636	88359	
Manston	797	81312	65021	01408	3577/	07722	83656	88360	
Gatwick	776	81008	59212	99909	3577/	07729	83650	88360	
Kew	775	81102	65026	99509	4577/	07729	84650	88360	
Heathrow	772	81106	58606	99608	8097/	08626	88360		
Honington	586	81006	38604	01407	5577/	06720	85656	88358	
Wattisham	590	81108	20102	01807	2607/	07620	82700	86359	88462
Gorleston	497	81705	48026	02807	855//	07713	88625		
Aberporth	502	81521	60616	92109	853//	08821	86708	88645	
Filton	628	81115	50616	95809	853//	08833	86708	88640	
Rhoose	715	80712	45636	95008	872//	08831	86703	88708	
Hartland Point	703	81220	64636	91410	856//	08727	88632		
Mount Batten	827	81213	50616	92711	3532/	09723	81708	83616	88550
St.Mawgan	817	81420	56636	90311	7522/	10834	83705	86707	87612
Scilly	804	81723	62616	87811	857//	10722	88650		
Culdrose	809	81315	45636	90310	2732/	10723	82707	88550	
Guernsey	894	71517	81606	93810	3577/	07629	83650	87360	
Elmdon	534	81105	35635	98908	852//	07718	85705	88640	
Cardington	559	81006	57606	00207	857//	07620	88650		
Wittering	462	80806	04616	00407	860//	07720	88700		
Watnall	354	80903	06636	00507	860//	07616	88700		
Shawbury	414	80907	15636	98008	851//	08719	83702	86705	88630
Finningley	360	80406	28616	00906	853//	06715	83707	88616	
Spurn Point	396	81011	56505	02407	856//	07711	88630		
Leeming	257	83302	11602	02503	873//	03610	85707	88711	
Tynemouth	262	81012	56058	03007	856//	06808	88635		
Carlisle	222	81109	58022	01206	853//	04608	81708	83622	88645
Valley	302	80812	56656	94208	855//	08733	83624	88635	
Ringway	334	81012	58636	99608	1542/	06714	81710	88540	
Squires Gate	318	80914	45636	98907	854//	06716	82710	86615	88625
Ronaldsway	204	80920	50632	96508	872//	07725	82704	88706	
Mull of Galloway	131	81120	65636	97306	4732/	05717	84708	88520	
Eskdalemuir	162	80313	35102	02404	861//	04805	88702		
Prestwick	135	80916	65021	00306	65432	03714	82712	84618	86650
Abbotsinch	140	80918	59216	02106	863//	04812	82708	86710	88714
Leuchars	171	80921	66022	05506	854//	03803	83712	88616	
Dyce	091	80812	62606	07804	854//	01602	84715	84625	88640
Lerwick	005	10617	82017	11902	15600	55704	81645		
Wick	075	81110	70602	09504	855//	51801	81620	88627	
Sule Skerry	010	80924	66818	10005	4242/	04601	84815	88458	
Cape Wrath	049	80924	80022	06904	855//	03007	88625		
Stornoway	026	81020	70601	06405	854//	02706	83616	88632	
Benbecula	022	30816	81011	03505	35600	02805	83640		
Tiree	100	80922	82022	00707	855//	02709	88627		
Aldergrove	917	80915	40606	96007	862//	06718	85704	88706	
Malin	980	81034	65606	95708	864//	06721	86710	88713	
Belmullet	976	80621	58635	87808	864//	07735	86713	88718	
Birr	965	81216	50616	87409	863//	08633	88707		
Dublin	969	81016	59616	92409	862//	08626	85703	88705	
Shannon	962	81115	56606	84510	873//	09628	83709	86712	88718
Roches Point	952	81125	56616	85010	873//	10718	85707	88714	
Valentia	953	81424	60616	80313	863//	11727	88707		

OBSERVATIONS during NIGHT

Station	iii	RRT_rT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	95081	07	$r_or_oir_o$	ir_orr_o
Hurn	862	92091	08	r_or_o	r_o
Manston	797	97061	04	+	r_o
Gatwick	776	92071	04	+	r_or
Kew	775	92051	01	+	r_or
Heathrow	772	92081	03	+	ir_o
Honington	586	01071	02	r_orif	ir_or_or
Wattisham	590	02062	04	rr_od_o	r
Gorleston	497				
Aberporth	502	07081	07	$ir_or_or_orr$	$r_or_orrr_or_o$
Filton	628	06091	05	$r_orr_or_o$	$r_or_orr_o$
Rhoose	715	15082	05	r_orr	rrr_orRr_o
Hartland Point	703	07082	10		
Mount Batten	827	14101	09	$rr_oRr_or_o$	r_or_orr
St.Mawgan	817	10092	08	rr	rr
Scilly	804	13102	10	rr	rr
Culdrose	809	13102	09	rrr_or_o	r_or_orr
Guernsey	894	04092	08	r_or_oir	rrr_or_o
Elmdon	534	03071	05	$d_o-d_or_od-dr$	$d_or_od_od_orr_or_o$
Cardington	559	01072	02	rr_o	ir_or
Wittering	462	02061	03	r_orr_of	r_or_off
Watnall	354	02051	51	$d_or_od_or_of$	r_or_orff
Shawbury	414	12071	03	r_or_o	r_or_orr
Finningley	360	05011	51	$fFFr_or_oir_o$	r_orr
Spurn Point	396			$id_od_od_o$	$id_od_od_o$
Leeming	257	03022	50	f	r_orrff
Tynemouth	262	93032	02	+	$pr_or_or_o$
Carlisle	222	02021	51	+	r_orr
Valley	302	14082	05	$ir_od_or_oir_orr$	$rrr_or_orrRRrr$
Ringway	334	06071	04	r_o	r_orr
Squires Gate	318	07042	01	r_or	r_orrR
Ronaldsway	204	07051	03	r_or_o	ir_orr
Mull of Galloway	131	01052			
Eskdalemuir	162	01041	03	d_o	r
Prestwick	135	01021	50	+	ir_o
Abbotsinch	140	97051	05	+	d_or_o
Leuchars	171	01051	04	+	$d_or_od_or_o$
Dyce	091	91031	02	r_oir_o	ir_or_o
Lerwick	005	97003	53	is_o	ph_ops_o
Wick	075	96031	01	+	ir_oir
Sule Skerry	010	93031	02		
Cape Wrath	049	00021	02	+	+
Stornoway	026	92041	03	+	r_o
Benbecula	022	00041	02	+	+
Tiree	100	00061	05	+	+
Aldergrove	917	05052	03	$d_or_o-d_o$	$d_o-d_or_or_or_orr$
Malin	980	9705	50		
Belmullet	976	0402	50		
Birr	965	0306	02		
Dublin	969	0606	02		
Shannon	962	0806	03		
Roches Point	952	1909	08		
Valentia	953	1208	07		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27001	81104	96102	88906	864//	00604	/////	/////	05106	10685	3////	04/09
L	99572	70205	27004	70844	98048	99207	2845/	00610	81816	87361	0//04	11041	30908	02006
M	99666	10003	27004	20223	98018	21800	28400	00806	81815	/////	0//56	10608	30506	/////
R	99469	70171	27004	80118	96516	71512	6622/	00635	86705	88520	0//12	11251	30502	08610

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27061	80712	96818	87906	834//	00710	/////	/////	05104	10683	3//04	04/07
L	99572	70206	27064	20630	99028	95607	29400	21822	82914	/////	0//03	11058	31010	02007
M	99667	70001	27064	53528	98831	19700	49460	00711	82915	/////	0//52	10603	30606	00/00
R	99468	70171	27064	83336	96586	74510	872//	00328	87705	/////	0//10	11269	30610	08706

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

Date of Issue THURSDAY 28 DECEMBER 1978

No. 42770

Code FM 11.V

OBSERVATIONS at 12h. 27 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81317	59616	92609	7622/	08828	85705	86708	88550
Hurn	862	81210	50616	92210	6542/	09725	82712	86630	88540
Manston	797	81212	56606	97608	7567/	07822	87640	88362	
Gatwick	776	81312	56636	95110	3567/	08725	83645	86358	88462
Kew	775	81307	60606	94910	1567/	07827	81640	85358	88462
Heathrow	772	81310	62606	94610	4547/	08724	81712	84645	88463
Honington	586	80912	30216	97508	851//	07825	81702	87703	88640
Wattisham	590	81113	30606	98108	5727/	07823	85705	88458	
Gorleston	497	81314	24616	00007	874//	06815	88715		
Aberporth	502	81320	60636	87309	5532/	08827	81708	85620	88550
Filton	628	81414	62616	91009	854//	08729	85618	88640	
Rhoose	715	81114	57216	90409	853//	08624	87707	88620	
Hartland Point	703	81210	68616	87410	4762/	09714	84730	88460	
Mount Batten	827	81516	58216	88611	5732/	10710	82706	84710	88550
St.Mawgan	817	71519	57216	86911	752//	09707	81703	85706	87622
Scilly	804	31818	59016	84713	35600	10715	83630		
Culdrose	809	51614	45106	86811	46230	11807	83705	85359	
Guernsey	894	81616	62616	90910	4532/	09810	81706	83645	88459
Elmdon	534	81013	57616	94208	853//	07829	83708	86710	88645
Cardington	559	81113	58616	94809	7557/	07836	82620	86640	88459
Wittering	462	80813	40616	96108	852//	07834	85704	85613	88625
Watnall	354	80815	16616	95807	872//	07832	88703		
Shawbury	414	81112	50516	92708	873//	07732	88706		
Finningley	360	80812	45616	97207	852//	07824	86704	88650	
Spurn Point	396	80920	20585	00107	864//	07714	88715		
Leeming	257	80913	62636	99407	6742/	06822	86710	88514	
Tynemouth	262	81028	56636	01707	6632/	06609	86708	88525	
Carlisle	222	81108	50636	98007	7532/	06824	81708	84620	87630
Valley	302	80918	70606	89709	6532/	08726	81708	86636	88457
Ringway	334	81012	67216	95109	7547/	06729	85613	85618	87359
Squires Gate	318	81018	57616	94807	4532/	07726	82708	83625	88540
Ronaldsway	204	80828	60616	92308	6732/	07828	81706	86708	88556
Mull of Galloway	131	81027	60636	93307	3542/	05831	81710	83625	88459
Eskdalemuir	162	80516	60616	00005	852//	04816	83705	85712	88620
Prestwick	135	80923	70616	97606	1542/	04821	81710	88458	
Abbotsinch	140	80920	59636	00205	853//	04811	82708	86710	87614
Leuchars	171	80825	57216	04905	854//	02709	86712	88618	
Dyce	091	70611	62056	07804	4543/	52806	81615	84624	87358
Lerwick	005	30311	75268	13101	33400	52001	82910		
Wick	075	70722	81026	09604	6847/	51804	83818	86635	
Sule Skerry	010	60730	81038	10505	28574	00003	81820	86070	
Cape Wrath	049	80924	80028	06704	884//	02606	84815	88620	
Stornoway	026	80820	75216	06405	6542/	01806	83618	85630	88460
Benbecula	022	70825	81011	01705	15538	01810	81623	83365	86270
Tiree	100	80925	86022	97907	6542/	02719	81618	86628	88460
Aldergrove	917	80920	56616	91907	863//	05820	82706	85708	88710
Malin	980	81041	50616	92108	7632/	06819	85708	87714	88550
Belmullet	976	80917	59616	83709	864//	08610	83713	85718	87635
Birr	965	81215	56616	84710	6632/	09709	86709	88457	
Dublin	969	81117	58616	87509	863//	08827	88707		
Shannon	962	71211	70616	82010	753//	10712	81706	83711	87650
Roches Point	952	71213	56216	82211	762//	10809	82704	86710	
Valentia	953	51418	75256	79012	52500	08805	85824		

OBSERVATIONS at 18h. 27 December 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	81512	64026	89009	862//	08816	86704	88709	
862	61006	56215	89209	3533/	09714	81708	85359	
797	81612	59606	92409	854//	08715	88616		
776	71603	56216	91309	15578	08814	81620	84358	86362
775	81603	58216	90510	1747/	08715	81711	83357	88459
772	81506	58216	90310	6542/	09815	83616	86657	88460
586	81311	27586	91807	872//	07723	88703		
590	81215	30616	92307	851//	07820	82702	85703	88616
497	81320	48606	93208	874//	07725	88715		
502	71520	66026	84009	754//	08812	82615	86650	
628	81306	60206	87910	853//	09709	83707	87610	88625
715	71213	56106	86809	2547/	09814	81710	87358	
703	71615	74028	83910	5847/	08817	82818	85630	87360
827	81516	58616	85011	4542/	09716	81710	84640	88559
817	81422	50636	82910	5722/	10717	82703	84706	88515
804	81921	58258	80311	854//	10715	85716	88626	
809	81518	50616	82410	852//	10715	82703	86708	88612
894	31615	75216	88010	35732	09713	83650		
534	81105	40616	89008	7712/	08720	81702	87704	88550
559	61509	50616	90208	672//	08618	84705	84706	85707
462	81311	15536	90807	870//	07720	88700		
354	81111	16636	90407	871//	07619	88702		
414	80907	25636	88108	872//	08719	88705		
360	80915	50636	91007	873//	07720	88706		
396	81026	30616	92907	874//	07736	88715		
257	80817	62616	92907	874//	05732	88711		
262	80940	61636	96605	8052/	04722	88520		
222	80924	50636	93005	853//	04814	82706	83711	86620
302	80809	60636	86008	853//	08714	82709	88616	
334	81012	57636	89708	7542/	07619	83711	87626	88550
318	81016	60636	89307	854//	07720	81710	85616	88625
204	80822	50636	87908	872//	07612	83705	88707	
131	81029	60636	88306	4742/	05718	84710	88520	
162	80315	58636	95802	853//	01814	85708	88618	
135	80928	68616	93704	5542/	03805	81712	85640	88458
140	80920	58616	96605	7542/	03709	83710	87616	88556
171	80727	57636	01404	853//	02611	82709	86711	88614
091	80812	65606	04204	885//	51714	81820	83626	87628
005	20320	81018	10401	29400	54710	81910		
075	40722	82011	06903	38502	55711	83820		
010	71130	80808	08005	735//	03707	87920		
049	40937	84011	03104	43500	00611	84920		
026	60827	70016	04004	654//	52804	81615	83625	85642
022	60826	81031	99505	3557/	51804	81627	83650	86360
100	80832	60616	95804	7542/	02801	82712	87637	88556
917	80924	60616	87807	863//	05714	83706	88707	
980	80948	65606	89007	7642/	04806	83710	86716	88556
976	80813	62216	81809	863//	08805	83709	87717	
965	71107	66026	82009	754//	08605	83714	87630	
969	81212	60216	84009	863//	09712	85706	88710	
962	71012	60808	79310	784//	08709	82715	84820	86632
952	81016	50258	78310	884//	10620	85710	88630	
953	80916	65618	75811	855//	09710	88622		

OBSERVATIONS during DAY

iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	04091	000	$r_or_orRr_o$	r_o
862	09111	000	$r_orr_orr_o$	r_o
797	04091	000	$r_or_orr_orrr_o$	r_o-r_orr
776	03101	000	r_or_or	rrr_or_o-r
775	01111	000	$r_o-r_or_o$	$r_or_orr_o$
772	01101	000	$ir_or_or_or$	r_odr
586	06081	000	ir_orrr_oR	$Rrrd_or_o-r_o$
590	07082	000	rr_orr	rrr_or_o
497		000		
502	02101	000	r_or_orr	ir_o
628	03101	000	r_or_odrdr	$d_or_oir_o$
715	03101	000	r_orir_o	r_o
703	03112	001		
827	07121	001	rrr_o	r_or_o
817	08122	007	rr	rrir
804	03132	028	dr	pr_oprir
809	03112	011	ir_o	$ir_or_or_o$
894	05111	002	r_or_oir	ir_o
534	08091	000	rRr_o	$rr_or_oRr_o$
559	04091	000	r_or_orr	rrr_or_o
462	12081	000	r_or_or	rrRdrd
354	15072	000	r_orrf	$Rrrr_od_of$
414	09091	000	$rr_or_od_od_o$	rRr_or_o
360	19082	000	r_or_orR	$rrRd_or_odr$
396			$id_od_od_or_or_o$	r_or_o
257	13082	000	$rrfr_or_o$	rrr_o
262	17072	000	rr	rr
222	15072	000	$rrr_orr_or_o$	r_or_or-rrR
302	09101	000	$rrir_orr$	ir_orrir_o
334	09091	000	$r_orr_or_o$	$Rrrr_o$
318	15081	000	rrr_o	rrr_o
204	19081	000	rrr_or_oR	rrR
131	10072			
162	16052	000	$rr_or_orrr_o$	$r_or_orrrsrs$
135	03062	000	rrr_or_o	$ir_or_or_or_os_o$
140	04062	000	r_or_orr	r_or_orr
171	05052	000	$d_or_od_or_or_o$	$r_or_or_os_orr$
091	92041	000	ir_or_o	$ir_or_os_or_oh_o$
005	96036	004	ps_o	$phps_o$
075	00051	000	+	+
010	97051			
049	97071	000	pr_o	+
026	92051	000	r_oir_o	+
022	00051	000	+	+
100	01071	000	$ir_or_or_o$	$r_or_oir_o$
917	15082	000	~~[illegible]~~ $RRr_od_or_or_or$ (correction)	$rRr_orr_or_orr$
980	1408	000		
976	1609	000		
965	0610	000		
969	1810	000		
962	0511	008		
952	1011	007		
953	0613	012		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

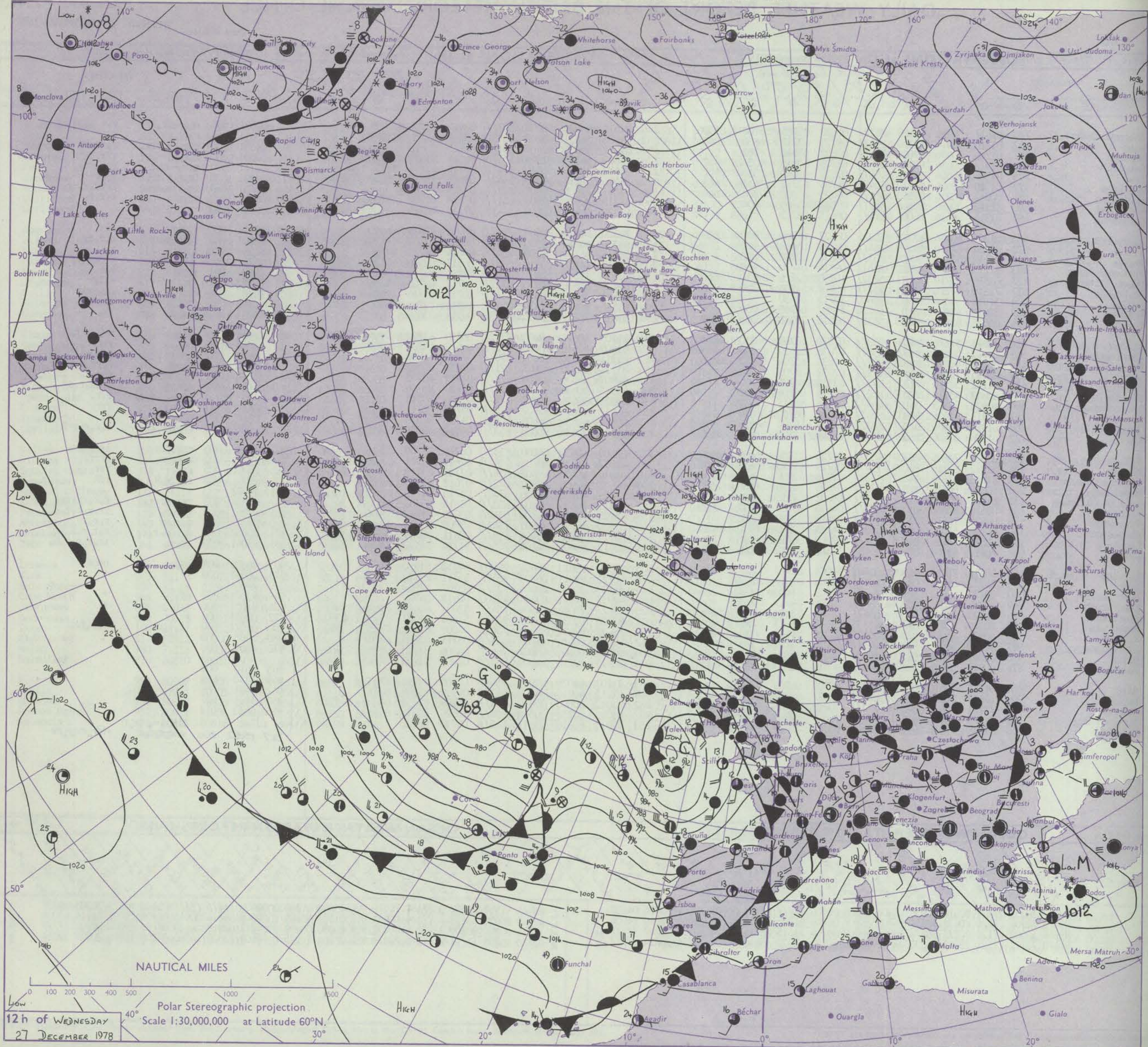
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27121	50510	98038	87406	58500	00305	/////	/////	05005	10687	30504	04107
L	99571	70200	27124	80638	98251	94709	59307	00703	81708	82913	0//06	11066	31010	11006
M	99664	10002	27124	40227	98278	19051	49400	00704	81815	83918	0//54	10560	30707	/////
R	99470	70171	27124	53035	98036	84011	58500	00250	83820	83640	0//09	11276	30814	/////

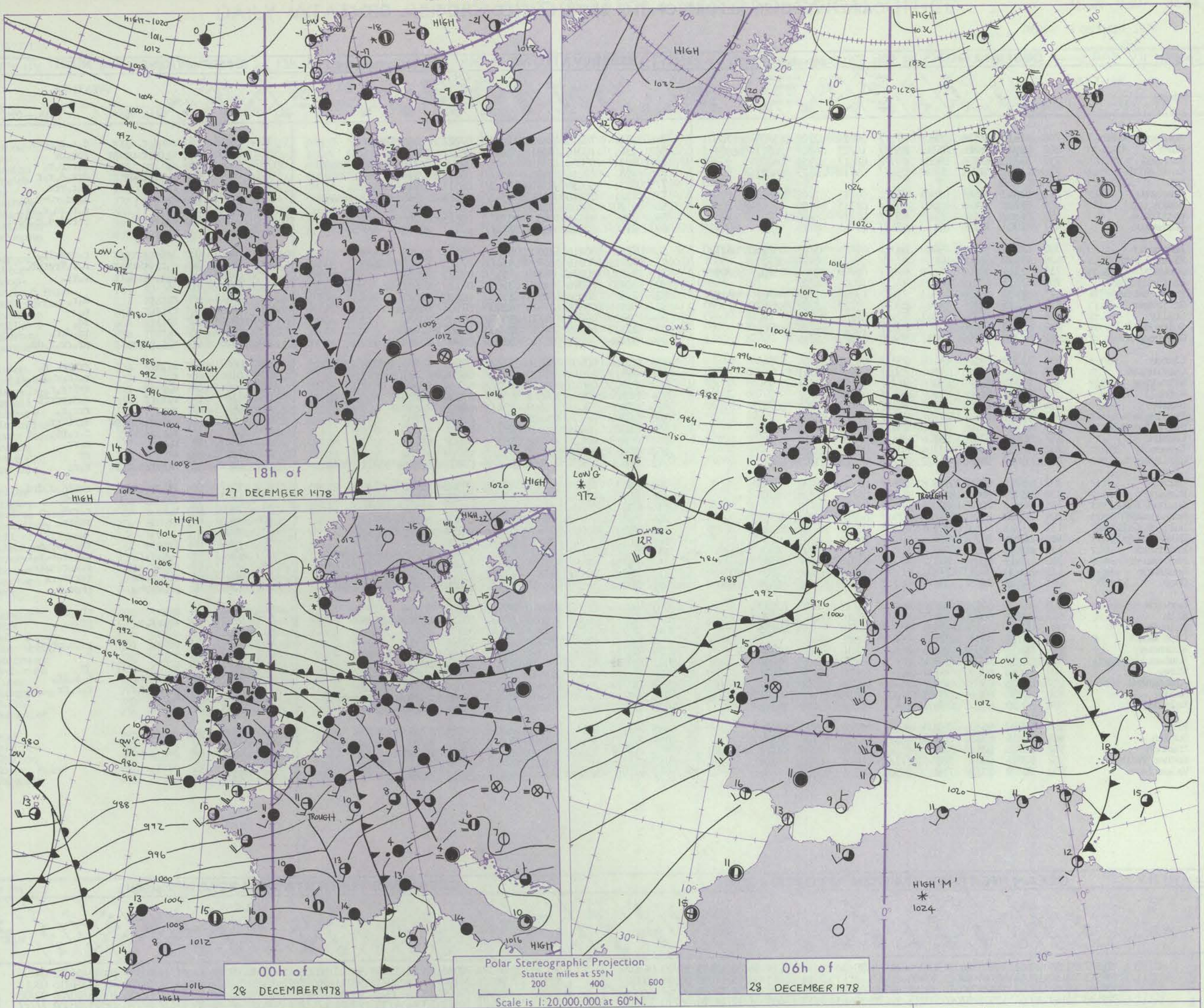
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27181	70510	98031	86606	68550	00400	/////	/////	05106	10673	30503	04007
L	99571	70202	27184	80648	96258	92709	884//	00505	86814	88645	0//06	11052	31114	03008
M	99663	10001	27184	80332	98158	19050	894//	00312	82918	84820	0//56	10598	30708	/////
R	99471	70172	27184	72626	98032	86411	32536	00109	83820	84360	0//08	11284	30707	32814

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday THURSDAY 28 December 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a deep depression to the southwest of Ireland moved slowly northeastwards into Ireland, the associated fronts crossing most of England and Wales but becoming slow-moving over the extreme north of England and southern Scotland. Pressure remained high over the Arctic.

During the next 24 hours the low over Ireland is expected to fill a little as it moves eastwards to the southern North Sea whilst another Atlantic low moves northeast towards southwest Ireland. Pressure will remain high over the Arctic.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — OBSERVATIONS at 00h. 28 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81614	40596	85809	871//	09724	82702	85703	88706
Hurn	862	81914	58806	85511	853//	10725	86707	86812	88621
Manston	797	51710	63036	89008	20972	08817	82359	84072	
Gatwick	776	81407	57216	88410	854//	09719	82615	88622	
Kew									
Heathrow	772	81305	60601	87409	854//	08718	81712	88656	
Honington	586	61706	30106	88307	657//	07715	86650		
Wattisham	590	81609	01466	88807	860//	07717	88700		
Gorleston	497	81904	48216	89108	874//	07716	88715		
Aberporth	502	81419	58636	79909	853//	09729	83707	85714	88627
Filton	628	81512	60586	84009	873//	09723	86707	88710	
Rhoose	715	81214	56606	83109	870//	09719	82701	85702	88709
Hartland Point	703	82625	62216	80810	871//	10606	88702		
Mount Batten	827	82430	56606	84111	852//	10309	82703	84707	88612
St.Mawgan	817	82423	50616	82910	870//	09220	83701	88702	
Scilly	804	82632	60216	84111	874//	09239	88716		
Culdrose	809	82529	56616	83710	872//	10225	84704	88708	
Guernsey	894	52326	59056	88011	56400	09323	85710		
Elmdon	534	71308	50606	86108	752//	08622	81704	87640	
Cardington	559	71506	56606	87507	756//	07817	87641		
Wittering	462	91710	05475	87808	9////	08813	89//		
Watnall	354	81506	10106	87307	861//	07617	88702		
Shawbury	414	81107	40106	84709	863//	08727	84708	88712	
Finningley	360	80702	02466	87407	871//	07718	88702		
Spurn Point	396	81108	30106	88706	854//	06719	84715	88625	
Leeming	257	80411	65616	89306	864//	05726	88710		
Tynemouth	262	80838	56636	92704	8052/	03721	88520		
Carlisle	222	80819	56686	91102	872//	01615	83705	88712	
Valley	302	80711	60606	82608	856//	07724	84630	88645	
Ringway	334	81005	56046	86907	863//	06718	81706	88707	
Squires Gate	318	80917	70216	86007	864//	06721	88710		
Ronaldsway	204	80720	65016	85207	873//	06720	82707	88708	
Mull of Galloway	131	81023	60636	86303	4732/	02716	84708	88520	
Eskdalemuir	162	80321	20737	92601	872//	50720	88703		
Prestwick	135	80828	60687	91403	853//	01811	82707	84708	87615
Abbotsinch	140	80817	50697	94002	873//	01713	83707	85709	88712
Leuchars	171	80830	57617	97803	872//	01718	82704	87708	88710
Dyce	091	80517	62838	00204	884//	51621	83818	86624	88650
Lerwick	005	40620	80028	08050	49400	53713	81910	83813	
Wick	075	70823	80028	03903	784//	54716	83818	87630	
Sule Skerry	010	80424	64158	05004	33507	01718	83920	88275	
Cape Wrath	049	80944	74838	02403	894//	01601	88915		
Stornoway	026	60825	80031	02304	655//	54810	82626	85640	
Benbecula	022	80832	80032	97804	5557/	53609	85627	88460	
Tiree	100	80628	60616	94404	854//	01804	82712	88631	
Aldergrove	917	80823	63636	86703	7532/	02710	82707	85708	86620
Malin	980	80950	60616	88005	7732/	03707	84709	85712	88527
Belmullet	976	80620	62102	81807	864//	06501	83711	88716	
Birr	965	80508	56606	78709	6642/	08714	86710	88458	
Dublin	969	80814	65216	81109	863//	08719	83706	88717	
Shannon	962	80708	62618	76810	853//	09608	81709	83712	87640
Roches Point	952	82014	58616	76310	873//	09301	86708	88714	
Valentia	953	30709	70256	74910	32500	08501	83823		

OBSERVATIONS at 06h. 28 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72414	70216	88409	755//	07227	83620	86650	
Hurn	862	22412	70016	90011	22440	06227	82818		
Manston	797	82317	65605	87810	6542/	09304	83710	83618	88459
Gatwick	776	82318	57216	89010	854//	08321	82714	85616	88622
Kew	775	82313	60636	87610	2742/	08311	82714	88550	
Heathrow	772	82214	58616	87110	6542/	09317	82616	85645	88458
Honington	586	81707	18506	85208	871//	08615	88702		
Wattisham	590	82012	12516	86009	870//	09613	86700	88702	
Gorleston	497	81607	32606	86107	874//	07717	88715		
Aberporth	502	82225	56216	82508	853//	08114	85709	88627	
Filton	628	72411	70016	86409	654/2	07125	82615	85645	
Rhoose	715	72420	60026	86110	755//	07223	87625		
Hartland Point	703	32435	80016	84110	35600	07116	83635		
Mount Batten	827	22325	50056	88911	25500	08110	82625		
St.Mawgan	817	42216	65016	87610	42400	07107	84816		
Scilly	804	32418	64021	87711	35600	09801	83630		
Culdrose	809	22322	62016	88010	28400	09103	81818		
Guernsey	894	52226	62038	92210	52400	08007	85814		
Elmdon	534	82110	60636	84010	5732/	09301	82706	85708	88550
Cardington	559	82319	62616	85210	854//	09504	85711	88615	
Wittering	462	81605	05426	84407	870//	07714	88700		
Watnall	354	80707	20596	84107	870//	07611	88700		
Shawbury	414	81808	57616	82509	854//	09102	88616		
Finningley	360	80907	08636	84707	871//	07611	88702		
Spurn Point	396	90806	06434	85907	9////	07714	89/00		
Leeming	257	80413	60626	87106	863//	05507	88706		
Tynemouth	262	80835	69216	89805	855//	03709	88620		
Carlisle	222	80820	65607	88104	853//	02611	82706	85711	88645
Valley	302	81912	35516	80709	871//	09502	85702	88710	
Ringway	334	80909	40656	83808	854//	07506	81710	88620	
Squires Gate	318	80919	58636	83407	853//	06609	83708	88631	
Ronaldsway	204	80724	40632	83206	873//	05607	84708	88712	
Mull of Galloway	131	80929	60606	83404	5732/	02712	85708	88515	
Eskdalemuir	162	80221	50237	90401	873//	00606	88708		
Prestwick	135	80826	65237	89203	6532/	01503	81708	83616	86628
Abbotsinch	140	80724	59687	91303	853//	01609	82709	85711	88615
Leuchars	171	80729	50697	95703	872//	01506	82703	86706	88708
Dyce	091	80314	56878	98002	893//	01609	81706	85908	86616
Lerwick	005	40615	75368	06051	49400	52708	83910		
Wick	075	50625	80268	01703	58400	53711	82818	85626	
Sule Skerry	010	30924	74268	03503	32500	51711	83820		
Cape Wrath	049	40937	80898	99502	43500	02711	84920		
Stornoway	026	40722	80031	00204	45500	52608	82622	83640	
Benbecula	022	80733	75032	96604	855//	53604	88629		
Tiree	100	80726	60607	92603	854//	00504	82714	88625	
Aldergrove	917	80719	70617	84804	864//	02804	83710	88712	
Malin	980	80839	58616	87405	874//	03505	83710	84711	88717
Belmullet	976	80521	60586	82806	864//	03206	84711	88716	
Birr	965	80315	56616	77708	7632/	07304	87708	88458	
Dublin	969	80715	20586	78409	860//	08712	88701		
Shannon	962	83607	70206	78808	863//	07220	88708		
Roches Point	952	82326	60216	80310	874//	08340	84711	88632	
Valentia	953	82517	60608	80610	864//	09322	86714	88633	

OBSERVATIONS during NIGHT

Station	iii	RRT_rT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	05081	06	rdrd$_o$r$_o$d$_o$r$_o$	d$_o$r$_o$rr$_o$pr$_o$
Hurn	862	04091	07	r$_o$rd$_o$r$_o$pr$_o$pr	rpr$_o$pr
Manston	797	95081	06	d$_o$	d$_o$rir$_o$r$_o$
Gatwick	776	03071	03	r$_o$rd$_o$r$_o$dr	drr$_o$d$_o$r$_o$r
Kew	775	01081	02	r$_o$r$_o$r	r$_o$r$_o$rrr$_o$
Heathrow	772	01071	05	r$_o$d$_o$d$_o$	d$_o$–d$_o$r$_o$–r$_o$r$_o$
Honington	586	03061	04	r$_o$–f	r$_o$r$_o$rd$_o$r$_o$ir$_o$
Wattisham	590	01062	05	rr$_o$r$_o$fF	r$_o$rrd$_o$d$_o$r$_o$r$_o$
Gorleston	497				
Aberporth	502	05081	07	irir$_o$r$_o$r$_o$rr	r$_o$rrd$_o$ir$_o$
Filton	628	06091	06	d$_o$r$_o$drRrr$_o$r$_o$	r$_o$r$_o$Rrprpr$_o$
Rhoose	715	04091	07	d$_o$r$_o$r$_o$rd$_o$r$_o$	r$_o$rr$_o$
Hartland Point	703	03102	10		
Mount Batten	827	04101	09	r$_o$r$_o$r	d$_o$r$_o$
St.Mawgan	817	03091	08	rr$_o$r$_o$	r$_o$
Scilly	804	01101	09	ir$_o$	id$_o$
Culdrose	809	02102	08	r$_o$r$_o$	id$_o$d$_o$r$_o$
Guernsey	894	04092	08	r$_o$r$_o$prpr$_o$	pr$_o$rr$_o$r$_o$dr
Elmdon	534	04071	06	ir$_o$r$_o$r	rr[illegible]r$_o$r$_o$
Cardington	559	01061	01	r$_o$	r$_o$rd$_o$r$_o$drr$_o$r$_o$
Wittering	462	04061	06	d$_o$r$_o$ff	rrffr$_o$r$_o$
Watnall	354	11062	04	r$_o$r$_o$ff	r$_o$Rrrdrff
Shawbury	414	06081	07	r$_o$rr	rrr$_o$r$_o$
Finningley	360	10072	06	d$_o$r$_o$d$_o$r$_o$ffdr	drffRrr
Spurn Point	396			r$_o$r$_o$ir$_o$ff	r$_o$r$_o$ff
Leeming	257	09052	04	r$_o$r$_o$	r$_o$rr
Tynemouth	262	13032	02	rr	rr
Carlisle	222	02021	01	r$_o$rsr$_o$s$_o$r$_o$s$_o$	r$_o$r$_o$
Valley	302	13071	06	ir$_o$r$_o$r$_o$rr	rriRd$_o$d$_o$drd
Ringway	334	14072	05	r$_o$	r$_o$rrR
Squires Gate	318	10062	05	r$_o$r$_o$	r$_o$rrR
Ronaldsway	204	21051	05	rr$_o$	rrRRr$_o$
Mull of Galloway	131	09032			
Eskdalemuir	162	11006	00	rsrsss	rsr$_o$s$_o$r$_o$s$_o$
Prestwick	135	02021	01	r$_o$s$_o$r$_o$r$_o$	r$_o$r$_o$r$_o$s$_o$r$_o$r$_o$
Abbotsinch	140	06021	01	rrrsr$_o$s$_o$	r$_o$s$_o$r$_o$s$_o$ir$_o$
Leuchars	171	10012	01	rrr$_o$r$_o$rs	rsrrr$_o$rs
Dyce	091	05015	00	pr$_o$s$_o$ph$_o$	phpr$_o$s$_o$
Lerwick	005	04527	54	ps$_o$	ph$_o$ps$_o$
Wick	075	97021	00	ph$_o$pr$_o$s$_o$	pr$_o$s$_o$
Sule Skerry	010	95012	02		
Cape Wrath	049	97001	00	pr$_o$s$_o$	pr$_o$s$_o$ph$_o$r$_o$
Stornoway	026	00031	01	+	+
Benbecula	022	00021	02	+	jp
Tiree	100	01031	02	r$_o$r$_o$r$_o$s$_o$	r$_o$s$_o$ir$_o$
Aldergrove	917	14032	02	rrrsr$_o$r$_o$	r$_o$r$_o$rr
Malin	980	1404	03		
Belmullet	976	9705	05		
Birr	965	0306	06		
Dublin	969	0708	08		
Shannon	962	0607	07		
Roches Point	952	0809	08		
Valentia	953	0409	07		

Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$O_TS_TS_TT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	28001	20408	98021	88206	21500	00208	/////	/////	05005	10675	3//03	04/07
	99572	70198	28004	80748	96012	93408	884//	21113	82814	88645	0//05	11050	32216	03010
	99661	10001	28004	50329	98278	19551	59500	00001	83920	/////	0//54	10604	30607	/////
	99470	70169	28004	52530	97016	83213	22470	00610	82813	85460	0//12	11270	30710	32805

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$O_TS_TS_TT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	28061	20207	98021	90206	21500	00209	/////	/////	05105	10685	3//02	04/06
	99571	70195	28064	30752	96211	96607	25430	21214	81710	/////	0//05	11059	31218	03012
	99660	70000	28064	30426	98038	18900	39500	00103	81920	/////	0//55	10605	30708	00/00
	99471	70168	28064	42323	97026	82412	45500	00606	84620	/////	0//10	11263	30809	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42771

Date of Issue FRIDAY 29 DECEMBER 1978

OBSERVATIONS at 12h. 28 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	72607	60218	89709	752//	09003	82704	85709	86656
Hurn	862	72213	70038	90111	783//	10001	86808	87618	
Manston	797	82114	50516	91009	873//	09009	82707	88709	
Gatwick	776	72115	60218	90710	773//	09000	82706	85708	87710
Kew	775	72008	68038	89611	65431	09003	81715	86630	
Heathrow	772	72106	62608	89311	784//	09001	81815	84640	86656
Honington	586	72313	80026	88209	15732	06010	81650	87070	
Wattisham	590	72216	62026	89111	15532	07009	81622	83359	86075
Gorleston	497	72116	66016	88110	7097/	06117	87358		
Aberporth	502	52220	70016	85310	58400	06116	83816		
Filton	628	72310	65808	88110	785//	08006	81820	87642	
Rhoose	715	72209	66801	88009	784//	08007	81815	87635	
Hartland Point	703	62620	74216	87010	5843/	09109	83815	84625	
Mount Batten	827	72313	60056	89511	3537/	10010	82708	83620	87358
St.Mawgan	817	72111	70028	88612	7835/	10007	82707	86708	
Scilly	804	32418	56258	88213	25431	10801	82611		
Culdrose	809	72413	62028	89211	6523/	10007	82705	84707	86618
Guernsey	894	62320	65018	92412	68302	11216	82708	85626	
Elmdon	534	52015	70036	87010	25532	07110	81622	85072	
Cardington	559	62210	70016	88310	38532	07107	81825	83640	86072
Wittering	462	52214	70016	87210	38431	07110	81818	83650	
Watnall	354	72002	56216	86708	7537/	08102	83708	86650	86360
Shawbury	414	72008	73606	85610	55572	08010	85622	87360	
Finningley	360	80709	62586	86707	872//	07114	88704		
Spurn Point	396	81015	35616	86707	864//	06112	88710		
Leeming	257	80211	59616	89904	864//	03108	88710		
Tynemouth	262	80734	56636	92004	8052/	03213	88520		
Carlisle	222	80819	65616	90403	853//	02110	82706	86710	88630
Valley	302	72125	61216	81910	753//	09119	81708	83640	87656
Ringway	334	80809	40656	86107	5712/	06012	82702	85706	88515
Squires Gate	318	80924	63636	85004	854//	03111	81710	88628	
Ronaldsway	204	80728	21636	84005	872//	04309	87704	88708	
Mull of Galloway	131	80938	70616	84804	4522/	02104	81705	84620	88459
Eskdalemuir	162	80318	12737	92601	872//	50111	88703		
Prestwick	135	80831	65616	90903	854//	01016	81714	88645	
Abbotsinch	140	80825	60687	93702	853//	51213	82707	86618	88635
Leuchars	171	80727	60687	97302	4642/	51214	84712	88550	
Dyce	091	80517	62878	00102	5862/	50212	85830	83640	88458
Lerwick	005	70530	15861	06951	794//	51210	87912		
Wick	075	70920	68158	02703	49432	55206	81915	85072	
Sule Skerry	010	50924	60158	04104	49401	51103	84910		
Cape Wrath	049	50930	84278	01002	52500	02400	85820		
Stornoway	026	50822	81158	01303	48530	53104	82820	83640	
Benbecula	022	70734	82032	98104	58432	53109	81818	85625	85362
Tiree	100	80622	87156	94604	2842/	52213	81818	88557	
Aldergrove	917	80723	40636	86503	862//	02006	82703	88707	
Malin	980	80841	75616	89406	7642/	02115	84712	86718	88458
Belmullet	976	70520	68026	85806	784//	03213	83712	84717	87634
Birr	965	80208	60586	82406	863//	06116	85708	87711	88628
Dublin	969	80314	30615	81007	861//	07112	88702		
Shannon	962	80205	70605	82907	863//	06014	82709	85714	88718
Roches Point	952	12214	65011	83611	18402	07010	81817		
Valentia	953	72209	65026	83311	754//	09004	83718	87630	

OBSERVATIONS at 18h. 28 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	81911	62218	87010	852//	10821	84704	86709	88640
Hurn	862	82012	59618	87511	872//	11824	85705	88709	
Manston	797	61911	68016	89809	55331	09806	82709	84618	
Gatwick	776	82010	56506	89710	852//	10609	82705	86707	88612
Kew	775	71903	70216	88509	754//	09809	81710	87650	
Heathrow	772	71805	62036	88110	754//	09709	82616	87656	
Honington	586	71904	58031	87908	757//	07803	87650		
Wattisham	590	81910	59606	88809	852//	08802	82705	86624	88645
Gorleston	497	02010	66011	88209	00900	07400			
Aberporth	502	81815	65031	82709	6537/	09720	83706	86644	88459
Filton	628	81907	45648	85210	6552/	10824	86628	88558	
Rhoose	715	83602	40818	84610	882//	09724	84705	86811	88630
Hartland Point	703	82430	66216	82611	874//	09828	88715		
Mount Batten	827	82518	40638	86010	892//	10618	83704	83909	88615
St.Mawgan	817	72114	70218	85111	754//	09511	83710	83628	87649
Scilly	804	32418	70016	85310	15502	09609	81621	83075	
Culdrose	809	72219	45299	85610	49463	09708	81710	82915	83620
Guernsey	894	72118	56216	89811	751//	11816	82702	85703	87640
Elmdon	534	71907	70031	85808	6563/	07810	86645		
Cardington	559	71910	66032	87409	4567/	08807	82630	83650	86463
Wittering	462	61907	62031	87606	50971	05000	85362		
Watnall	354	80102	04466	86906	860//	06602	88701		
Shawbury	414	71709	70036	84409	6857/	06810	81820	86650	
Finningley	360	80506	57586	86806	871//	05703	88702		
Spurn Point	396	80714	58026	87506	852//	06704	84705	88617	
Leeming	257	80313	60636	89604	8042/	02803	88510		
Tynemouth	262	80728	69616	92004	8052/	02400	88520		
Carlisle	222	80720	65687	90402	853//	01000	82706	84710	88620
Valley	302	71714	62016	82209	754//	08803	84618	87650	
Ringway	334	70613	70216	86105	754//	03803	81712	87632	
Squires Gate	318	80921	58616	85403	854//	03000	82710	88624	
Ronaldsway	204	80731	40696	84304	853//	03102	82708	85710	88616
Mull of Galloway	131	80928	60696	85802	3732/	02808	83708	88515	
Eskdalemuir	162	80318	15737	92500	872//	51802	88703		
Prestwick	135	80827	58687	91402	2742/	50106	82713	88540	
Abbotsinch	140	80626	45717	94000	853//	51108	81709	84614	88645
Leuchars	171	80629	56858	97300	884//	51204	85812	88650	
Dyce	091	70619	59858	00601	6841/	55206	81715	85828	87465
Lerwick	005	40520	70278	06500	49400	54704	84912		
Wick	075	30818	80018	03602	38400	55106	82815		
Sule Skerry	010	40913	57858	05100	49400	00311	84910		
Cape Wrath	049	30937	82011	01502	32500	01305	83820		
Stornoway	026	10821	82011	02602	12500	54209	81820		
Benbecula	022	50729	80268	99402	59460	54107	85915		
Tiree	100	70624	87032	95902	2857/	56208	81820	87362	
Aldergrove	917	80824	25697	87702	861//	01007	83702	88704	
Malin	980	80641	62606	91204	6642/	01211	83711	86717	88458
Belmullet	976	80423	70026	86905	6647/	01311	82712	84716	88458
Birr	965	80412	58605	83404	863//	04106	86707	88712	
Dublin	969	83513	30516	80707	861//	07803	88702		
Shannon	962	80414	50516	82406	873//	05500	82706	83709	85712
Roches Point	952	83207	56606	81408	864//	08709	83710	88717	
Valentia	953	70000	70022	81908	58502	07303	81820	85633	

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	20102	000	pr.rRr.dr	r.rRR
Hurn	862	05121	001	pr.pr	pr.r.rR
Manston	797	02111	000	r.d.	r.d.–r.r
Gatwick	776	07111	000	pr.r.Rrd.	d.–r.r.Rrr.
Kew	775	07112	003	pr.r.Rrr.r.	r.r.rRr.
Heathrow	772	10112	004	r.pr.rdr	r.rR
Honington	586	01101	018	ir.rr.	r.r
Wattisham	590	01112	010	r.r.r	r.r
Gorleston	497		008		
Aberporth	502	08102	024	ir.	rrir.
Filton	628	04111	010	pr.	r.rRrRrr.
Rhoose	715	17112	011	pr.	pr.pRpR2rpr.
Hartland Point	703	04112	000		
Mount Batten	827	12121	000	pr.pr	irRphpr
St.Mawgan	817	02121	000	pr.	rr.r.
Scilly	804	02131	008	id.pr.	ir.
Culdrose	809	08122	002	r.r.pr.ir.	irr.r.tlr.
Guernsey	894	03121	003	drfd.r.pr.ir.	ir.rrd.r.r.
Elmdon	534	04111	032	+	r.rr
Cardington	559	05111	024	+	rr
Wittering	462	95111	033	r.	r.rrr.
Watnall	354	02082	000	d.r.ir.	r.r.rff
Shawbury	414	91111	017	ir.	r.r.
Finningley	360	03072	000	rdrd.r.d.	d.r.d.r.d.dr
Spurn Point	396			r.r.	ir.id.
Leeming	257	08052	000	rrRr.r.	rr.
Tynemouth	262	11052	000	r.rr	ir.rr
Carlisle	222	04041	000	r.r.r.s.	rsr.s.r.s.
Valley	302	96101	000	d.d.id.ir.	irir.
Ringway	334	14091	000	r.rRrRrrr.	r.r.r
Squires Gate	318	09061	000	r.rrR	rrr.
Ronaldsway	204	39062	000	r.Rrr	rrrsrsRS
Mull of Galloway	131	15042			
Eskdalemuir	162	16029	000	r.s.r.s.ssfs.	s.ssf
Prestwick	135	93031	000	ir.r.r.r.s.	r.s.
Abbotsinch	140	95036	000	r.s.r.s.	s.s.
Leuchars	171	02035	000	r.s.psps.	psps.
Dyce	091	91035	000	ph.ps.	ph.ps.
Lerwick	005	96017	000	ps.ph.	ps.ph.
Wick	075	92035	000	ps.ph.	ps.
Sule Skerry	010	02056			
Cape Wrath	049	97081	013	ph.r.	+
Stornoway	026	97041	020	pr.s.	+
Benbecula	022	01043	000	pr.s.ph.	pr.s.ph.
Tiree	100	00051	000	jp	+
Aldergrove	917	20042	000	rrRrsrs	rsrsr.s.dr
Malin	980	0306	000		
Belmullet	976	9706	000		
Birr	965	0407	000		
Dublin	969	0409	000		
Shannon	962	0208	000		
Roches Point	952	0511	024		
Valentia	953	0111	005		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

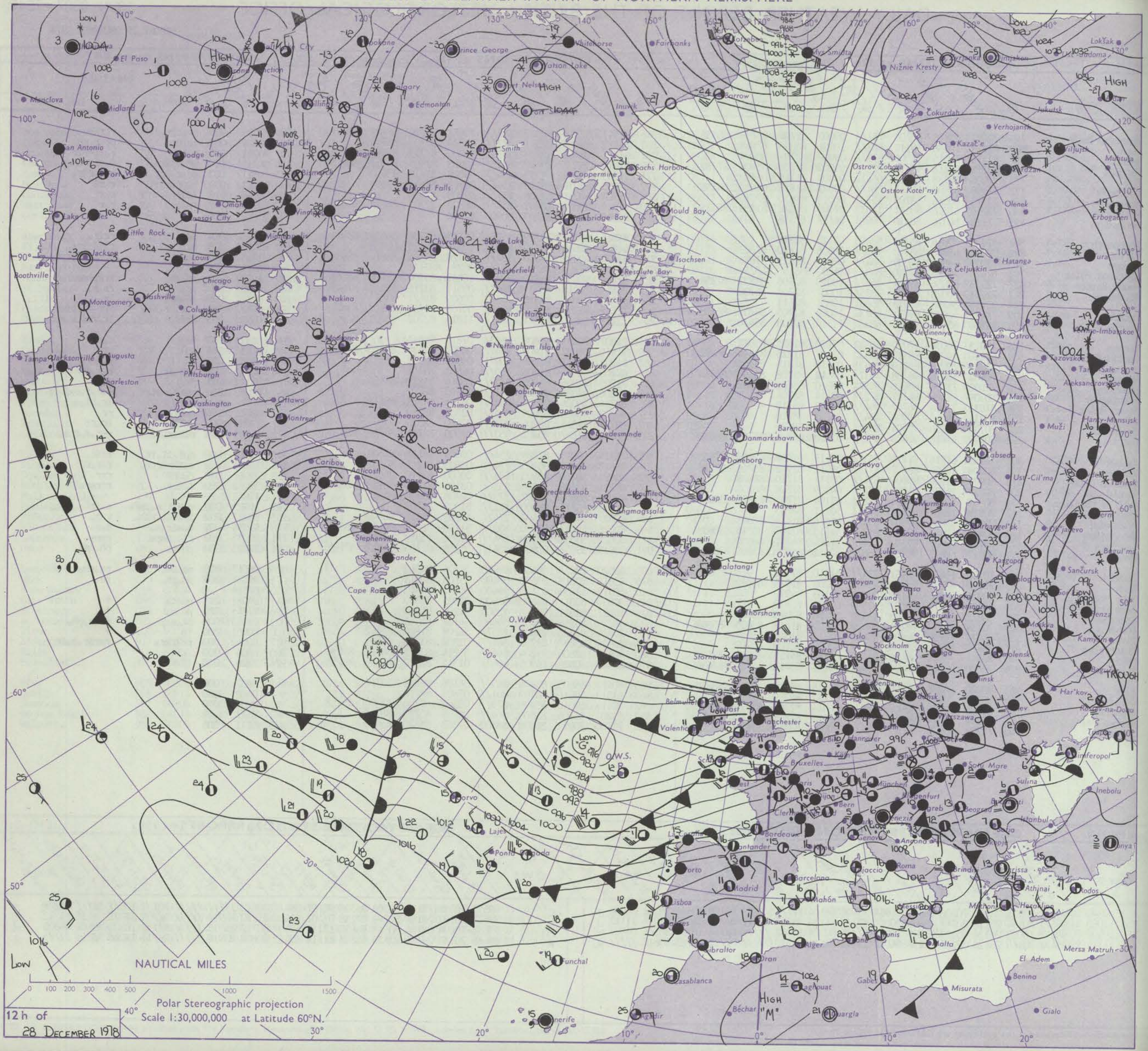
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	28121	70206	98018	91907	73400	00104	/////	/////	00106	10661	30201	04006
	99572	70194	28124	60747	96808	00007	693//	21116	83707	84912	0//05	11041	31216	11112
	99659	70003	28124	90323	93868	19051	9////	00704	89/02	/////	0//53	10529	30504	04807
	99471	70169	28124	52217	98158	84012	19341	51214	81910	/////	0//11	11263	30810	/////

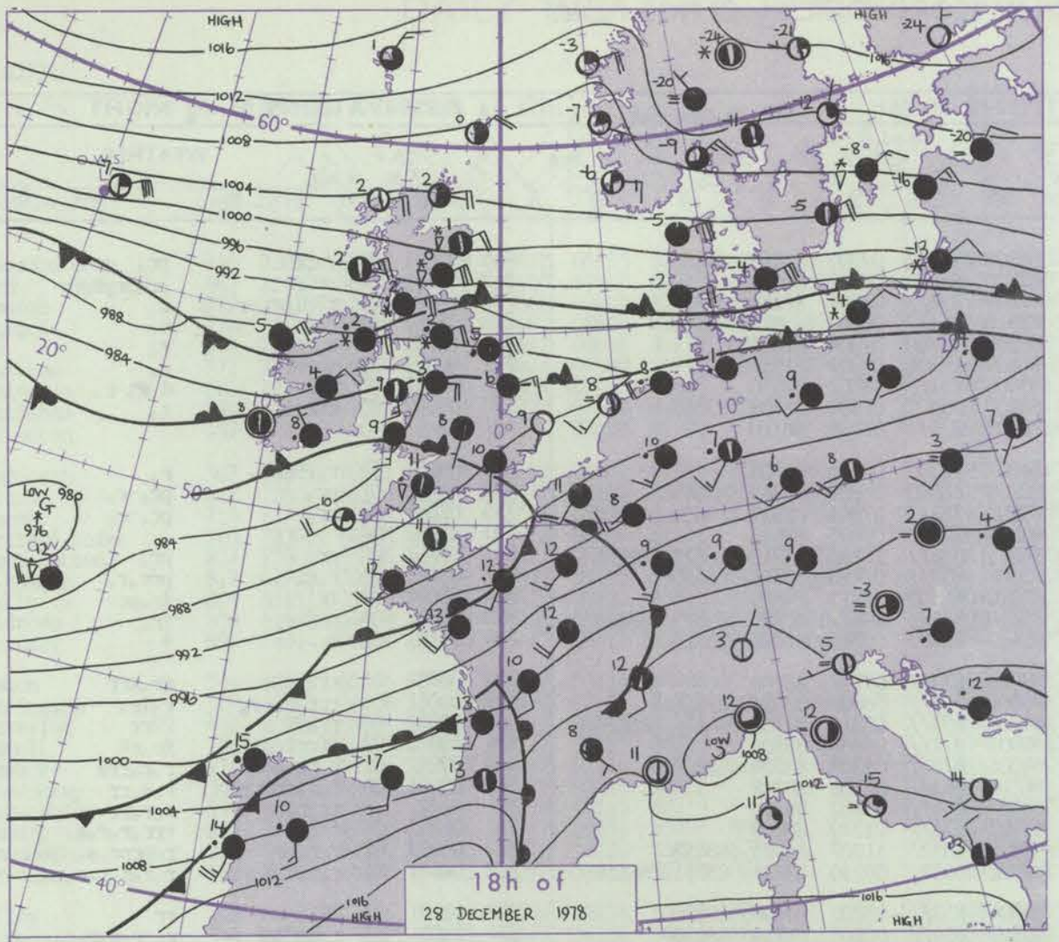
OCEAN WEATHER STATION REPORTS at 18h.

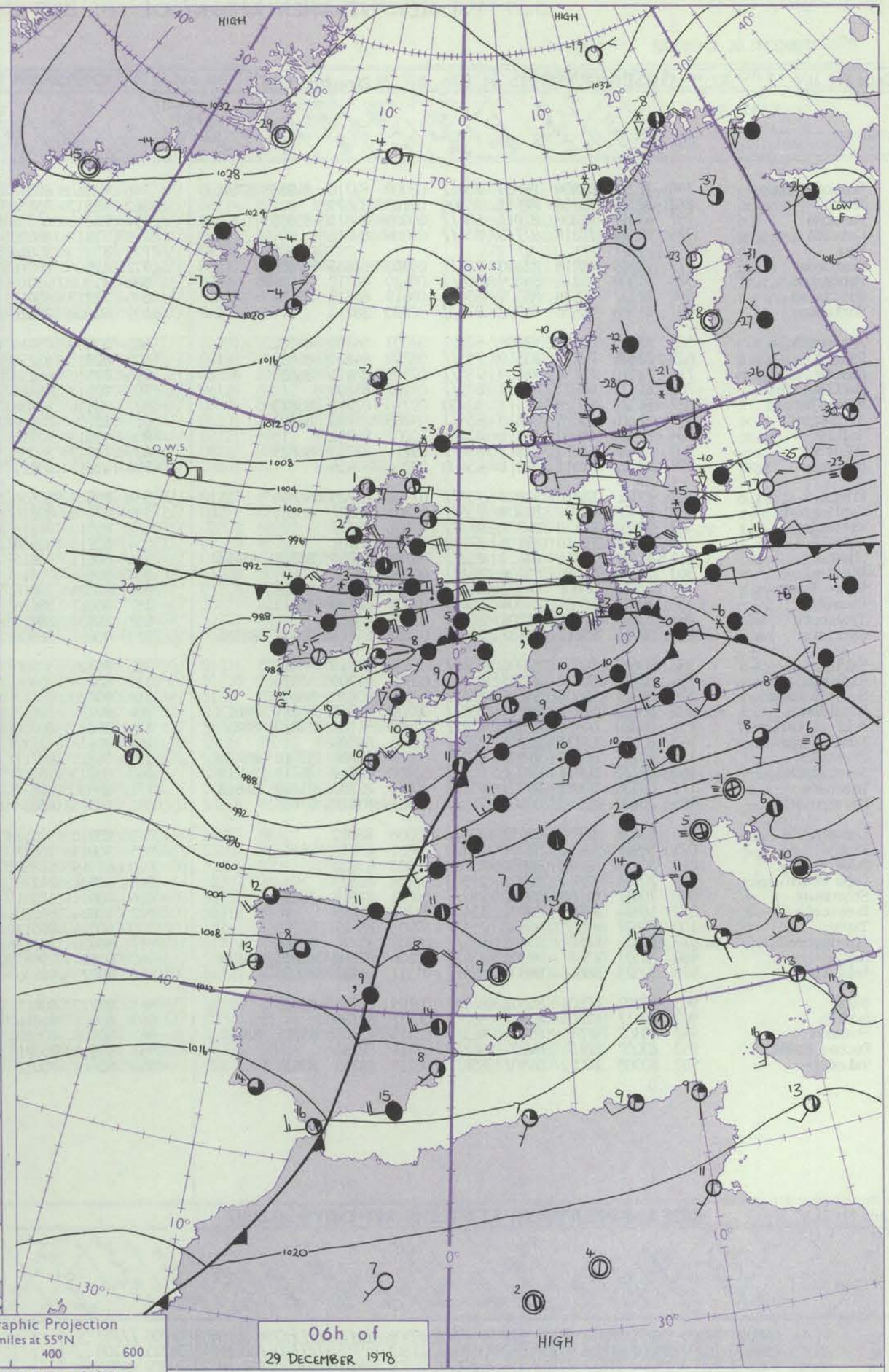
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	28181	80204	96508	90107	864//	00612	/////	/////	00107	10671	3////	05206
	99572	70192	28184	30742	97258	01407	39400	21210	83910	/////	0//03	11021	31217	11212
	99658	70004	28184	60518	96858	17152	59409	00712	85915	/////	0//54	10520	30402	04905
	99469	70170	28184	82424	96818	81311	894//	00809	88910	/////	0//11	11266	30810	/////

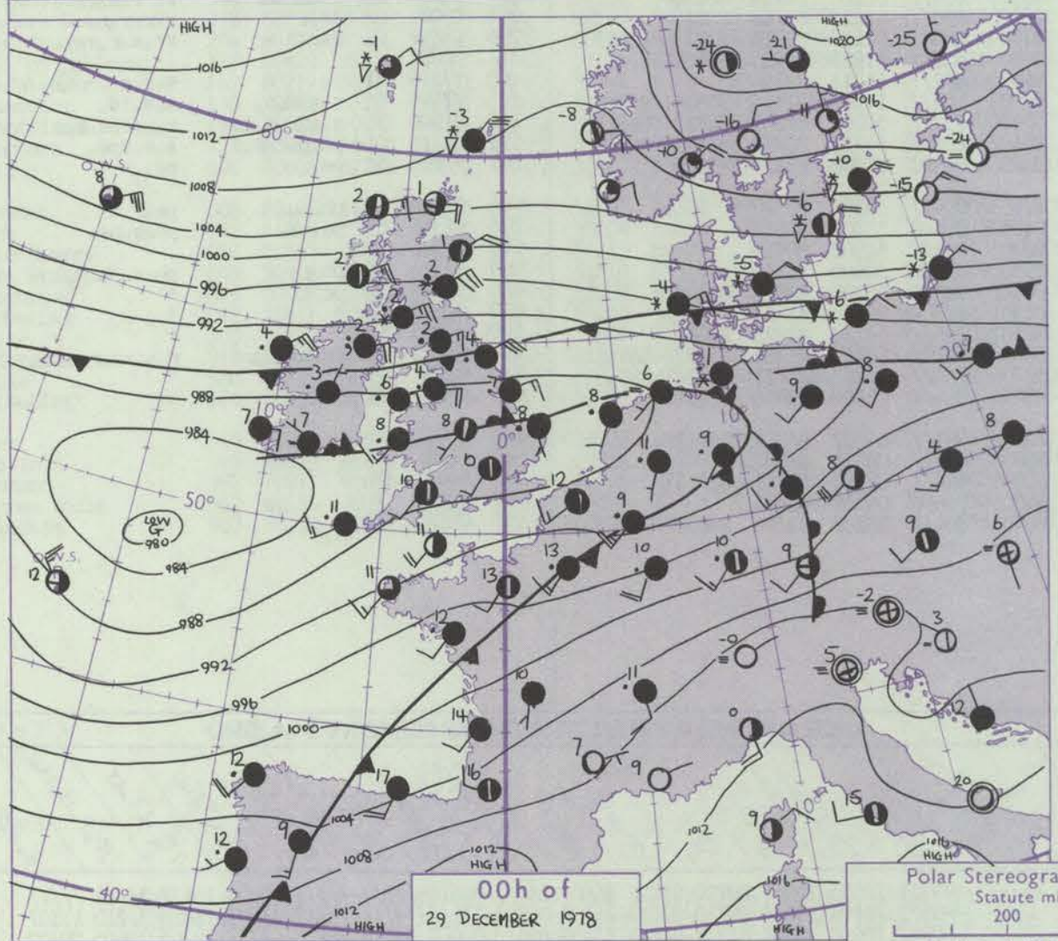
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 29 DECEMBER 1978

During the past 24 hours a broad trough of low pressure extending from mid-Atlantic across southern Britain to northern Europe remained slow moving . Within the trough, one low centre over the Irish Sea gradually filled, whilst another centre over the Southwest Approaches moved steadily eastwards.

During the next 24 hours as the depression from the Southwest Approaches continues to move more quickly eastwards, a cold northeasterly airstream with gale force gradient will become established over most parts of the British Isles.

Code FM 11.V

OBSERVATIONS at 00h. 29 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72210	62806	86709	784//	08008	83710	84818	87640
Hurn	862	32319	70256	87611	35500	08103	83622		
Manston	797	62317	62806	87011	684//	09505	84812	83650	
Gatwick	776	82314	70216	87710	854//	09306	88616		
Kew									
Heathrow	772	72209	80216	86210	756//	09302	82635	87656	
Honington	586	81909	45216	84509	864//	08620	88712		
Wattisham	590	82117	60636	85309	854//	08619	84618	88650	
Gorleston	497	81506	24636	84908	874//	07820	88715		
Aberporth	502	82215	60626	82608	6732/	07003	86708	88530	
Filton	628	72106	70256	85510	785//	08209	84820	86632	
Rhoose	715	72210	75258	85409	784//	07305	82815	86620	
Hartland Point	703	82628	66022	84010	873//	09102	88709		
Mount Batten	827	52322	65018	87511	52400	09210	82712	85820	
St.Mawgan	817	82216	65026	86610	854//	09108	83710	88614	
Scilly	804	82516	60606	87411	874//	10207	88712		
Culdrose	809	62416	62012	87511	654//	09211	83710	86625	
Guernsey	894	42322	62011	90611	45400	09204	84616		
Elmdon	534	72106	60216	84808	752//	07304	85705	86650	
Cardington	559	72309	81026	85309	755//	07301	85627	86635	
Wittering	462	93003	01476	84907	9///	07506	89///		
Watnall	354	80106	16614	85106	871//	06705	88701		
Shawbury	414	81110	27616	83407	852//	06705	83703	85708	88618
Finningley	360	80509	45586	85506	861//	06606	88702		
Spurn Point	396	80617	58606	86107	853//	06711	85708	88620	
Leeming	257	80314	66026	89004	854//	03801	86710	88612	
Tynemouth	262	80838	61616	91304	8052/	02400	88520		
Carlisle	222	80716	60617	90102	7542/	01702	84711	86617	88534
Valley	302	80612	35656	83006	854//	05309	84614	88619	
Ringway	334	80715	60636	85405	853//	03502	81709	88624	
Squires Gate	318	80921	70606	85204	856//	03500	83630	88643	
Ronaldsway	204	80625	57697	85704	853//	03306	83708	85711	88615
Mull of Galloway	131	80826	60616	87302	4522/	02202	81705	84620	88459
Eskdalemuir	162	80217	18737	92001	872//	51501	88703		
Prestwick	135	80727	60687	91502	853//	00306	81708	83710	88640
Abbotsinch	140	80725	50717	93901	854//	51400	81711	86714	88618
Leuchars	171	80530	50688	96702	852//	00604	82703	85709	88616
Dyce	091	70420	62268	00401	785//	53801	83820	87628	
Lerwick	005	80428	30858	07453	894//	53306	88912		
Wick	075	50919	75158	03701	58400	55801	83815	84645	
Sule Skerry	010	30918	82028	04802	33500	00703	83920		
Cape Wrath	049	20924	82011	02902	22500	01108	82825		
Stornoway	026	70817	81038	03302	784//	54001	83818	86650	
Berbecula	022	10824	83018	00701	12400	51104	81819		
Tiree	100	70627	87032	96802	755//	57003	85627	87650	
Aldergrove	917	80822	62587	89002	854//	00205	83710	88616	
Malin	980	80531	65687	92303	6542/	50206	82716	83620	85628
Belmullet	976	80525	68606	89504	864//	01211	84717	88628	
Birr	965	80207	60606	85503	863//	03109	85709	88715	
Dublin	969	80417	62106	82407	862//	06112	88705		
Shannon	962	80307	62516	85704	863//	02215	82709	85712	88718
Roches Point	952	83007	58106	84207	862//	07314	88705		
Valentia	953	80909	70022	84307	854//	06210	83712	88633	

OBSERVATIONS at 06h. 29 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62310	80018	86508	58402	07705	81815	84640	
Hurn	862	62212	75258	87210	68400	08708	86818		
Manston	797	82313	65038	87609	856//	07001	88640		
Gatwick	776	72112	65026	87510	754//	08809	85617	87640	
Kew	775	12212	70016	86209	15700	07804	81656		
Heathrow	772	12106	68016	86109	15401	08807	81617		
Honington	586	71908	75016	85508	757//	08802	87650		
Wattisham	590	42113	65016	86108	35301	07803	81706	83650	
Gorleston	497	81608	20626	86208	874//	07108	88710		
Aberporth	502	22409	75016	84207	28300	06108	81708		
Filton	628	62413	65258	85209	68400	07801	83819	84649	
Rhoose	715	72510	66258	85109	784//	07801	82812	86630	
Hartland Point	703	82618	66616	84009	856//	09805	88635		
Mount Batten	827	82116	60038	86011	884//	10715	85713	86625	88640
St.Mawgan	817	82206	58618	85508	853//	07713	83706	88620	
Scilly	804	42413	62216	85310	45500	08815	84625		
Culdrose	809	72213	59058	85610	783//	09617	81709	83815	86628
Guernsey	894	42217	60011	89410	46300	09710	81708	83710	
Elmdon	534	82107	57606	83908	873//	07707	88706		
Cardington	559	72014	80216	85109	755//	08608	82626	87650	
Wittering	462	81910	81216	84208	853//	08811	82706	84616	88656
Watnall	354	80213	20654	84805	872//	05803	88704		
Shawbury	414	80611	45616	84306	872//	05308	83704	88707	
Finningley	360	80516	70616	86204	863//	03208	88708		
Spurn Point	396	80524	58216	86405	864//	04102	88710		
Leeming	257	80317	58636	91102	873//	01210	88706		
Tynemouth	262	80838	69817	92903	5352/	51207	85925	88458	
Carlisle	222	80817	58606	92002	6532/	00210	83706	85711	86618
Valley	302	80626	50606	84304	853//	03208	83708	88620	
Ringway	334	80719	70606	86303	854//	00205	81714	88630	
Squires Gate	318	80720	70617	87203	853//	01212	85709	88620	
Ronaldsway	204	80729	57617	87704	854//	01213	82710	83713	88617
Mull of Galloway	131	80827	80026	89003	4552/	01315	84625	88460	
Eskdalemuir	162	80318	12737	94350	872//	51311	88704		
Prestwick	135	70725	65717	93502	6547/	51112	82713	85650	87360
Abbotsinch	140	80725	25707	95401	853//	50309	81709	84712	86617
Leuchars	171	80630	59857	98402	884//	54210	82712	85823	88645
Dyce	091	50515	65028	01200	58500	57302	83820	85630	
Lerwick	005	80418	50858	07153	894//	53503	88910		
Wick	075	30913	75278	04250	39400	55301	83912		
Sule Skerry	010	61019	57858	05202	694//	51500	86910		
Cape Wrath	049	50924	74278	03700	59400	50400	85915		
Stornoway	026	40914	81031	04001	48500	55203	82822	83640	
Berbecula	022	10824	84020	01301	12500	00303	81821		
Tiree	100	60524	87012	98102	685//	53210	82825	85647	
Aldergrove	917	80920	70717	90603	6522/	00315	81704	85622	88458
Malin	980	80634	65687	93704	7647/	01313	85717	85628	88458
Belmullet	976	80425	64606	90604	864//	03104	85716	88636	
Birr	965	80212	40615	86204	863//	03202	86706	88712	
Dublin	969	80618	61616	85405	863//	04216	88707		
Shannon	962	80109	80026	86804	864//	02206	83711	88715	
Roches Point	952	13215	75021	84605	15600	04500	81635		
Valentia	953	80612	70022	86405	864//	03209	85714	88630	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	94071	04	r₀pr₀	pr₀
Hurn	862	05091	07	pr₀pr	pr₀prpRphr
Manston	797	04081	06	rRr₀pr₀pr	r₀
Gatwick	776	03081	06	r₀r	r₀
Kew	775	04091	04	r₀Rr₀r₀	r₀
Heathrow	772	03091	07	r₀rRr₀	r₀
Honington	586	09081	07	RRrr₀	d₀r₀-r₀
Wattisham	590	09072	05	rRrrr₀	r₀
Gorleston	497				
Aberporth	502	06051	51	r₀rRr₀r₀	r₀
Filton	628	01081	07	pr₀	pr₀-r₀
Rhoose	715	02081	07	pr₀	pr₀-r₀
Hartland Point	703	95092	07		
Mount Batten	827	01101	08	pr	pr₀
St.Mawgan	817	03081	06	r₀r₀	prr₀r₀
Scilly	804	03092	07	ir	ir₀pr
Culdrose	809	92092	08	pr₀ir₀	ir₀
Guernsey	894	00101	08	+	+
Elmdon	534	08052	05	rr₀	rr₀Rrr
Cardington	559	01081	06	rrr₀r₀-r₀	r₀ir₀
Wittering	462	12072	05	rrRFF	fRrr
Watnall	354	13032	03	ffrrRr₀id₀	fr₀rR
Shawbury	414	09032	02	r₀r₀rR	r₀r₀rrR
Finningley	360	08031	03	d₀r₀drRrr₀r₀	r₀r₀rr
Spurn Point	396			ir₀r₀r₀	r₀r₀rr
Leeming	257	01012	01	+	rrr₀r₀r₀s₀
Tynemouth	262	05012	01	r₀r₀rs	rsprpr₀s₀
Carlisle	222	01011	00	r₀s₀r₀s₀r₀r₀	r₀r₀d₀r₀r₀s₀
Valley	302	12031	03	RR	rr
Ringway	334	13031	02	r₀RrrRrr	r₀-r₀s₀r₀s₀
Squires Gate	318	05031	02	ir₀r	rRrsr₀r₀
Ronaldsway	204	13031	02	rsrsR	rr₀s₀r₀s₀
Mull of Galloway	131	02022			
Eskdalemuir	162	13519	51	ss	s₀s₀s
Prestwick	135	97015	00	r₀s₀s₀s₀	s₀s₀is₀
Abbotsinch	140	01506	51	s₀s₀r₀s₀rs	r₀s₀r₀s₀s₀s
Leuchars	171	04515	51	ps₀psr₀s₀s₀	s₀s₀sps₀
Dyce	091	92515	54	ps₀	ps₀
Lerwick	005	02539	55	ph₀ps₀	ps₀
Wick	075	92515	53	ps₀ph₀	ph₀s₀ps₀
Sule Skerry	010	07516	51		
Cape Wrath	049	97526	52	ph₀r₀	ph₀r₀ph₀
Stornoway	026	97003	52	pr₀s₀	+
Berbecula	022	00011	52	+	+
Tiree	100	00013	51	+	+
Aldergrove	917	04022	00	drdrd₀r₀rs	r₀s₀-s₀rss₀s₀
Malin	980	0103	01		
Belmullet	976	9704	03		
Birr	965	0303	02		
Dublin	969	0604	03		
Shannon	962	9404	04		
Roches Point	952	9205	04		
Valentia	953	0004	03		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	29001	90816	92554	87907	9////	00506	/////	/////	00107	10663	3//06	///07
	99570	70197	29004	60636	97258	04207	693//	21213	86907	/////	0//02	11042	31213	11108
	99657	70005	29004	81617	97858	15651	895//	00806	82920	88630	0//54	10520	30302	04905
	99470	70168	29004	53127	97038	88812	58400	00249	83810	/////	0//10	11250	30706	24710

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	29061	80720	97026	86607	855//	00616	/////	/////	00206	10677	3//12	/////
	99572	70194	29064	00730	97018	05707	00900	21211	/////	/////	0//01	11020	31210	11107
	99657	70008	29064	81321	96858	15450	894//	00002	85918	88630	0//53	10565	30605	99/02
	99470	70167	29064	12928	98021	97011	15600	00248	81630	/////	0//07	11272	30808	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307–2541

42772

Date of Issue SATURDAY 30 DECEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 29 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	82011	62808	85909	684/2	08803	82818	86645	87070
Hurn	862	72112	56808	86211	63403	10807	83710	84915	86070
Manston	797	52210	62156	87110	53360	09001	82709	82920	
Gatwick	776	72110	60028	87210	48463	08603	81712	83650	87075
Kew	775	72309	65021	86211	784/2	08801	81712	83825	85640
Heathrow	772	72208	62258	85911	794//	09000	81712	83920	87630
Honington	586	72312	81031	85910	61431	07103	86813		
Wattisham	590	72215	61031	86009	45332	07002	82709	83625	85075
Gorleston	497	72311	50026	85410	755//	07400	87620		
Aberporth	502	70802	70011	85408	6543/	06006	81715	86635	85360
Filton	628	72602	58216	85609	6537/	08104	82707	85645	86358
Rhoose	715	72702	60258	85309	68171	08004	81702	83812	85625
Hartland Point	703	72308	66808	84809	774//	08109	87712		
Mount Batten	827	72602	65258	85310	794//	09702	81915	84630	86645
St.Mawgan	817	62708	70018	85409	49432	08305	83813	81915	85075
Scilly	804	63117	70018	87011	48470	09220	83819	84360	
Culdrose	809	62609	64058	85909	48332	08208	81709	83622	85072
Guernsey	894	72014	80251	86410	794/3	08817	82814	81925	86640
Elmdon	534	80209	62046	87204	863//	03114	88706		
Cardington	559	82507	56606	85809	854//	07107	81710	85625	88650
Wittering	462	80212	59586	86305	860//	05215	82701	88702	
Watnall	354	80316	40635	88203	872//	02115	88705		
Shawbury	414	80408	64506	88203	854//	02114	86611	88615	
Finningley	360	80514	65616	89503	873//	02216	88708		
Spurn Point	396	80527	61616	88504	864//	03113	88715		
Leeming	257	80414	40716	93401	853//	01214	85707	88611	
Tynemouth	262	70838	61268	95002	5357/	51210	85920	87358	
Carlisle	222	70717	64227	94402	3837/	51112	82708	87463	
Valley	302	80622	75616	88103	7232/	02218	82709	88520	
Ringway	334	80721	65157	89203	854//	51216	84616	88650	
Squires Gate	318	80717	75606	90503	884//	00119	82710	83625	88640
Ronaldsway	204	80720	65686	92003	7532/	00124	82708	83618	86622
Mull of Galloway	131	80823	81022	93102	5542/	51226	82710	84620	88459
Eskdalemuir	162	80219	30717	96351	873//	52111	85708	88714	
Prestwick	135	70620	65222	97101	4847/	51116	81710	83615	87360
Abbotsinch	140	70518	70227	98551	15472	53116	81618	87070	
Leuchars	171	70828	50858	00001	623/2	53212	82709	85818	
Dyce	091	70806	62268	03051	794//	52110	81710	83912	85640
Lerwick	005	82106	15878	07952	833//	54207	83708	88910	
Wick	075	41011	75158	05400	43460	55004	84815	82915	
Sule Skerry	010	80513	05868	06551	892//	51213	88905		
Cape Wrath	049	50905	74858	05451	53500	51218	85925		
Stornoway	026	60909	61028	05502	63300	53209	81706	84915	
Benbecula	022	20817	75150	03901	22500	54014	82820		
Tiree	100	10722	86021	00801	11432	56207	81818		
Aldergrove	917	70720	57707	94902	6547/	51223	81715	86626	86459
Malin	980	70529	80237	97703	784//	52222	82715	84718	86638
Belmullet	976	70620	78806	95204	734//	50226	83717	85920	85637
Birr	965	80202	61606	90503	862//	02228	86705	88709	
Dublin	969	80622	62616	90104	863//	02224	83709	88712	
Shannon	962	70213	82016	90804	764//	01226	82711	85715	86622
Roches Point	952	83216	70021	88206	863//	04223	81708	87714	86632
Valentia	953	80212	70032	91005	864//	03227	88714		

OBSERVATIONS at 18h. 29 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	80107	58608	89006	871//	06229	88702		
Hurn	862	82909	40808	88709	883//	08226	82708	83818	88629
Manston	797	82706	70608	86909	853//	08306	81706	85615	88640
Gatwick	776	82605	50618	87708	853//	07313	82708	84625	88650
Kew	775	73508	60218	87807	753//	06321	83708	87620	
Heathrow	772	83408	59218	87507	852//	06222	82705	86708	88624
Honington	586	80113	48602	87804	872//	03220	88703		
Wattisham	590	83511	40606	87306	861//	06213	88702		
Gorleston	497	80424	64026	87205	864//	04219	88715		
Aberporth	502	81210	40526	90004	872//	03231	82705	88711	
Filton	628	80309	57616	90004	872//	03131	84705	88708	
Rhoose	715	80609	57608	89804	853//	03336	81708	88622	
Hartland Point	703	83405	82026	89408	884//	06124	82812	88625	
Mount Batten	827	73111	62038	90808	784//	06134	84816	87640	
St.Mawgan	817	82914	70028	91108	853//	06231	83706	85709	88626
Scilly	804	83221	70258	92709	884//	07221	84812	88630	
Culdrose	809	82710	65258	91709	883//	08227	83707	88620	
Guernsey	894	72922	68258	91310	793//	08247	81708	84812	81916
Elmdon	534	80312	63686	91103	853//	01225	86708	88614	
Cardington	559	80112	58606	88904	872//	03222	88705		
Wittering	462	80317	65616	89903	863//	02222	88709		
Watnall	354	80213	50686	92201	871//	01225	88702		
Shawbury	414	80209	57686	92302	854//	01227	83618	88625	
Finningley	360	80411	65687	93602	873//	01228	88708		
Spurn Point	396	80522	60606	92703	864//	01215	88715		
Leeming	257	80413	50227	96701	854//	50217	82710	88643	
Tynemouth	262	80725	61028	97901	3352/	52221	83920	88458	
Carlisle	222	80819	56717	98001	4532/	51225	82708	83635	88459
Valley	302	80619	70616	93103	3732/	01331	83708	88525	
Ringway	334	80717	75027	93102	854//	51328	85715	88650	
Squires Gate	318	80614	75032	94702	854//	51227	82618	86623	88643
Ronaldsway	204	80414	40687	96201	852//	00228	85703	86709	88618
Mull of Galloway	131	80823	80032	97101	4542/	51228	81710	84620	88459
Eskdalemuir	162	80323	25367	99852	6742/	53124	85710	88462	
Prestwick	135	40715	70017	00550	15632	53124	81630	83360	
Abbotsinch	140	60709	70228	01551	684//	52119	82818	85650	
Leuchars	171	70723	66038	02601	784//	51220	83818	86628	
Dyce	091	50818	65278	05451	59300	55218	81708	82912	84814
Lerwick	005	81906	30858	08552	824//	54307	88812		
Wick	075	61408	65268	06851	594/3	52108	82914	84818	
Sule Skerry	010	60905	82268	07100	39406	51205	83915	86070	
Cape Wrath	049	80903	74868	06852	824//	52207	88815		
Stornoway	026	10807	75151	06500	19400	55207	81915		
Benbecula	022	10613	84020	05550	12500	56213	81820		
Tiree	100	10516	88020	03300	18500	55217	81820		
Aldergrove	917	80818	40717	98601	8072/	51224	88550		
Malin	980	70623	87027	01303	784//	53220	84716	85635	
Belmullet	976	40516	76268	99403	43500	51222	84920	~~82920~~	
Birr	965	80311	58606	96002	863//	01133	85709	88712	
Dublin	969	80420	66687	94803	864//	02225	83711	88625	
Shannon	962	80212	80022	95903	864//	00227	82712	85715	88650
Roches Point	952	83312	70606	93905	864//	03233	88714		
Valentia	953	80610	70022	95705	864//	02124	88715		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	07091	001	pr.prrR	rr.r.d.
Hurn	862	06111	000	pr.prpHR	pr.pr
Manston	797	02101	006	pr.pr	r.r
Gatwick	776	03101	003	pr.	pr.r.r.r
Kew	775	02111	007	pRpr.pr	r.r
Heathrow	772	03111	004	pr.pR	r.rd.
Honington	586	91101	015	r.	ir.r.d.r.d.r.
Wattisham	590	91102	013	r.	r.r.d.
Gorleston	497		007		
Aberporth	502	04081	000	ir.	r.r.dd.d.rr
Filton	628	03091	000	r.r.rRd.r.	d.r.d.r.r.r.
Rhoose	715	06092	001	pr.	pr.prr.d.
Hartland Point	703	03092	000		
Mount Batten	827	03111	004	pr.pr	+
St.Mawgan	817	01101	004	pr.	pr.
Scilly	804	03111	000	pr	pr.pr
Culdrose	809	01101	008	pr.ir.	pr.
Guernsey	894	03111	010	pr.	pRpr
Elmdon	534	94051	000	r.d.r.d.	d.r.r.s.r.s.
Cardington	559	01091	004	ir.ir	r.rd.d.
Wittering	462	03071	000	rrd.r.d.r.rr	rrr.r.d.r.
Watnall	354	05031	000	r.r.rr	r.rr.s.r.s.
Shawbury	414	04041	000	rd.r.d.r.r.r.	r.r.r.s.r.s.
Finningley	360	02031	000	rr.r.	r.-r.s.r.s.rs
Spurn Point	396			r.r.	r.r.pr.s.
Leeming	257	96022	000	s.r.s.r.s.s.	s.
Tynemouth	262	02037	000	pr.s.phs	phs
Carlisle	222	92025	000	r.s.r.s.s.s.	s.s.
Valley	302	03031	000	r.r.rd.r.	d.r.r.r.r.s.
Ringway	334	91031	000	r.s.r.s.	r.s.r.s.s.s.
Squires Gate	318	97031	000	r.ir.	r.s.r.s.
Ronaldsway	204	05041	000	r.s.r.s.-r.rs	r.s.r.s.rs-s
Mull of Galloway	131	00031			
Eskdalemuir	162	20519	000	s.s.s	kss.-s.
Prestwick	135	97013	000	is.	is.
Abbotsinch	140	94017	000	s.s.ssps.	ps.sss.s.
Leuchars	171	94025	000	ps.ph.	ph.
Dyce	091	01006	003	ps.psfpSf	ps.phfphsfpS
Lerwick	005	01529	000	ps.ph.	ps.
Wick	075	97015	026	ps.	ps.
Sule Skerry	010	03016			
Cape Wrath	049	97029	017	ps.	psps.
Stornoway	026	97023	032	ps.	+
Benbecula	022	00013	059	+	+
Tiree	100	00023	053	+	+
Aldergrove	917	94035	000	r.s.d.-s.s.sh	shr.s.-s.s.
Malin	980	9404	000		
Belmullet	976	9604	000		
Birr	965	0104	000		
Dublin	969	1404	000		
Shannon	962	9705	000		
Roches Point	952	9706	001		
Valentia	953	0005	001		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

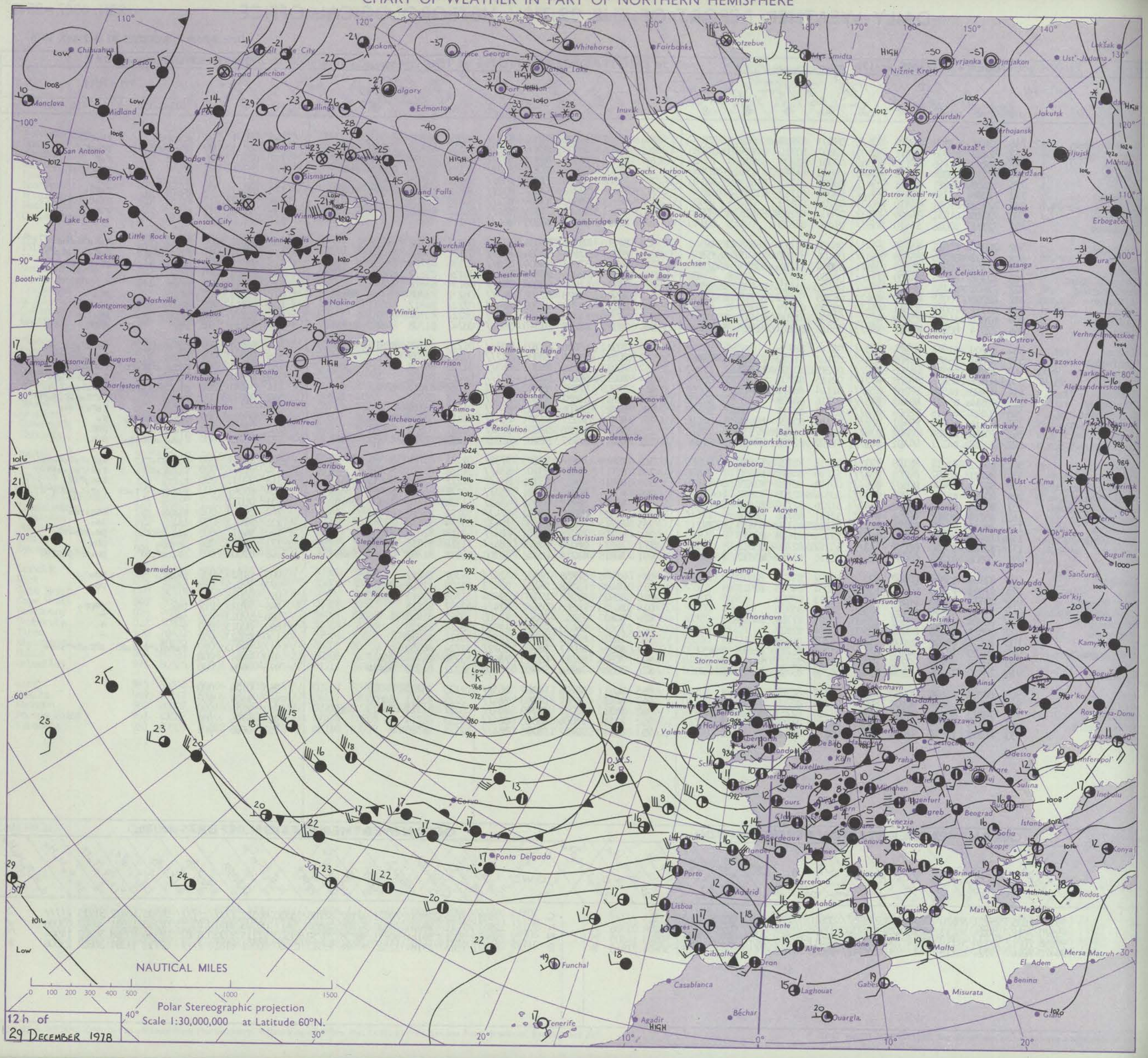
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	29121	80620	97078	85308	855//	00810	/////	/////	00306	10673	31313	/////
L	99570	70197	29124	50732	98278	07007	59300	21205	83909	/////	0//03	11052	31008	03906
M	99658	70012	29124	51119	98018	18450	38501	00211	82820	83070	0//60	10569	30503	14805
R	99470	70169	29124	82218	97611	98012	1742/	00000	81713	87453	0//12	11252	30604	27910

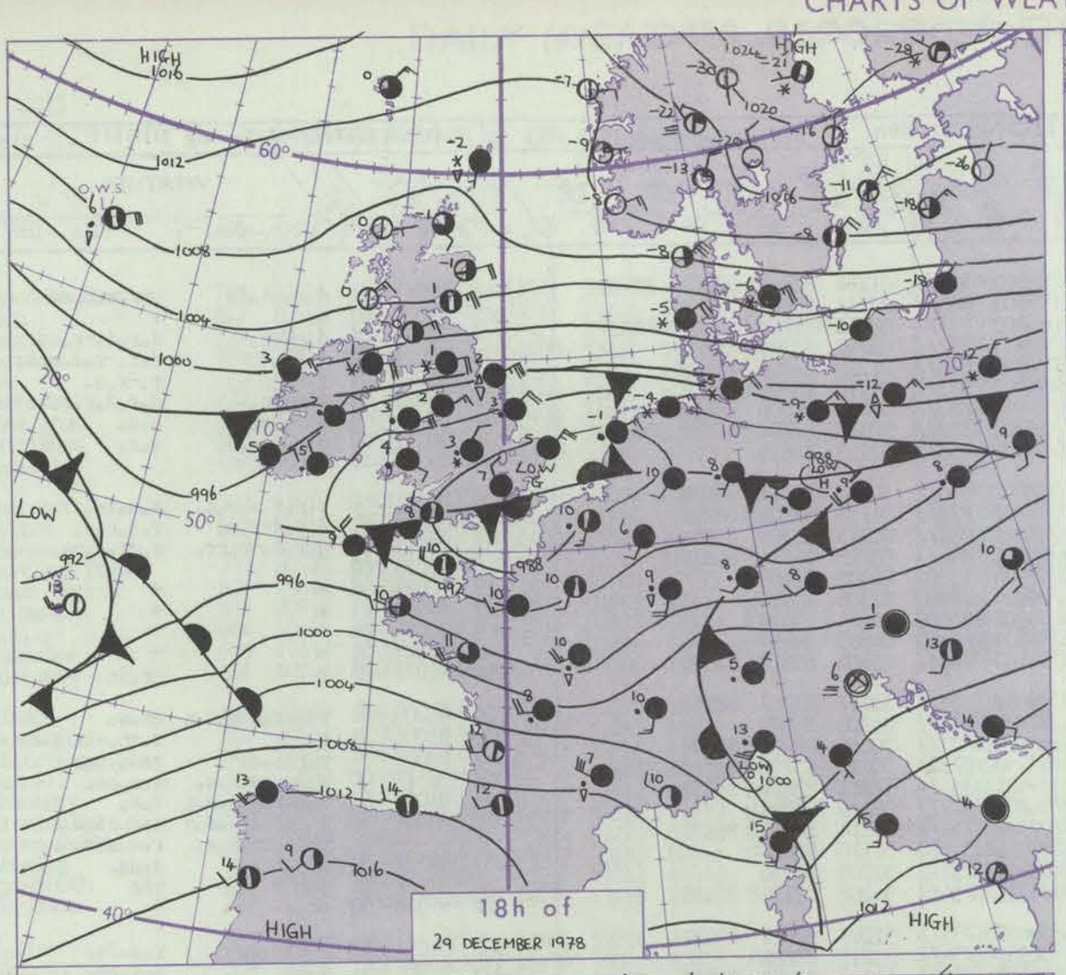
OCEAN WEATHER STATION REPORTS at 18h.

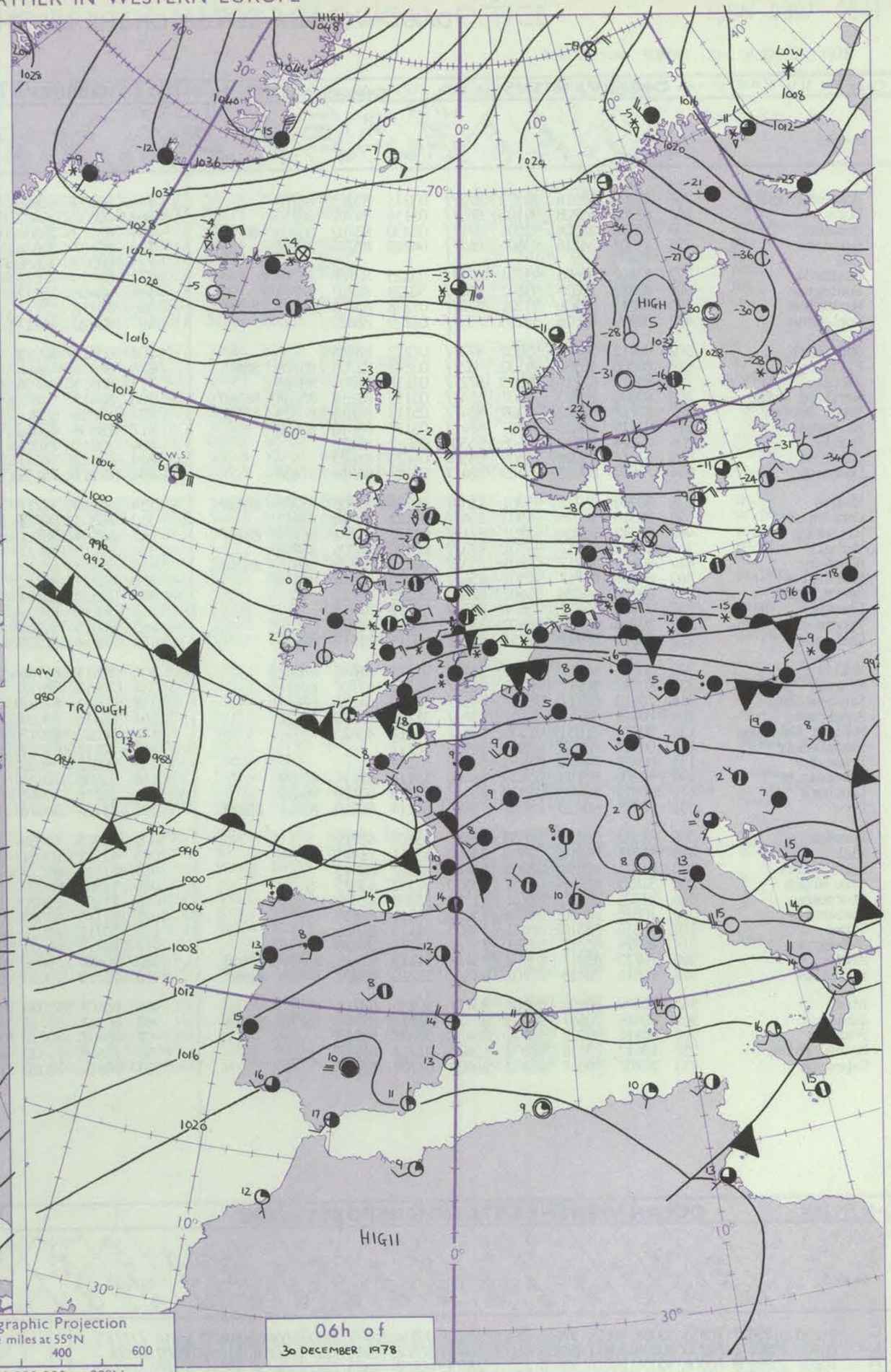
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	29181	70621	97102	82708	65530	00512	/////	/////	00305	10672	31213	/////
L	99570	70199	29184	70730	97808	06606	794//	00303	84910	83815	0//03	11051	30907	03006
M	99658	70013	29184	60921	98858	20750	69500	21215	82920	85825	0//56	10568	30302	14904
R	99471	70167	29184	12525	97016	93513	12400	00301	81810	/////	0//12	11261	30807	29008

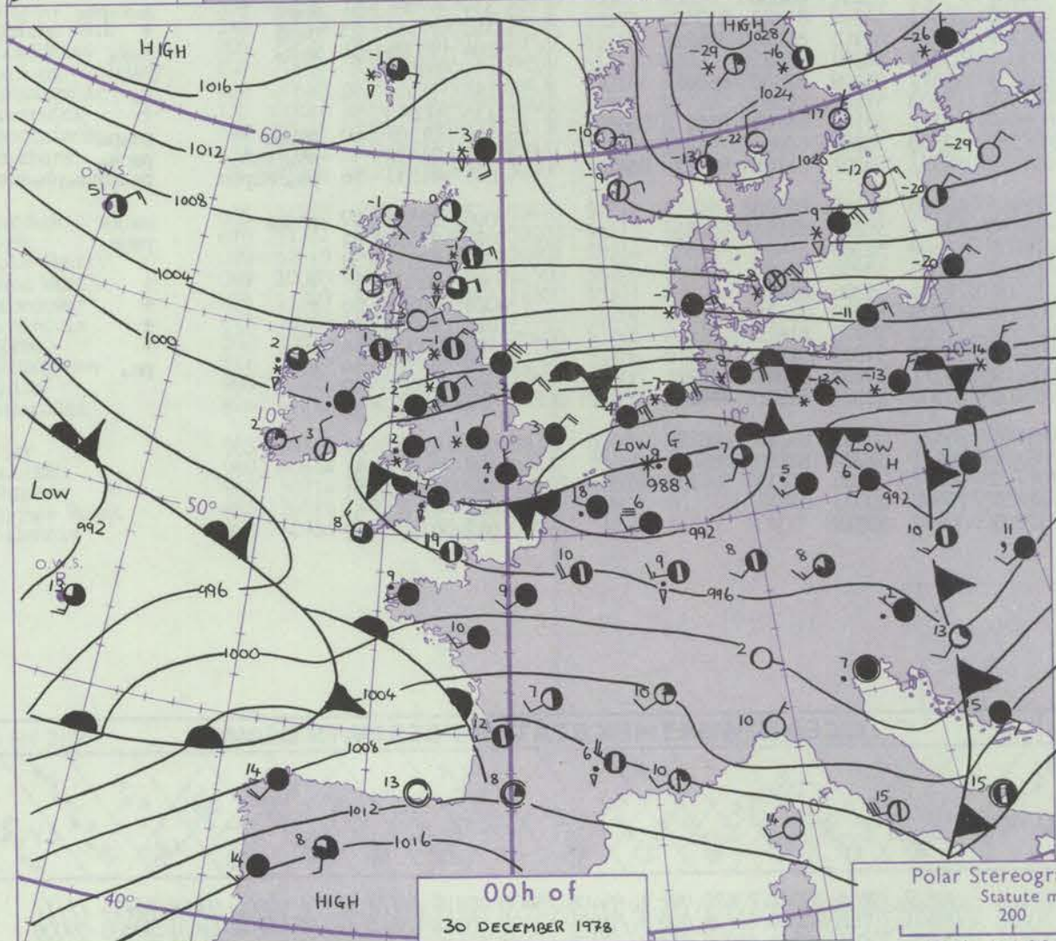
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday SATURDAY 30 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a trough over southern Britain has filled as it moves steadily eastwards ahead of a triple point low that has moved into northwest France. A high over Scandinavia has moved slowly southwards to extend the area of cold easterly airflow from Scotland into most of England and Wales.

During the next 24 hours the Scandinavia anticyclone will persist whilst the low over France will move away southeast leaving the whole of the UK in the cold easterly airflow.

Code FM 11.V

OBSERVATIONS at 00h. 30 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	80205	62516	94103	872//	03215	85705	88707	
Hurn	862	80302	58208	94105	863//	05116	84707	88713	
Manston	797	83310	28506	92005	871//	05230	83702	85704	88708
Gatwick	776	83007	34216	93804	862//	04228	85704	88705	
Kew									
Heathrow	772	83607	61605	93704	873//	03225	82706	88708	
Honington	586	80312	70036	93602	863//	50228	82707	88711	
Wattisham	590	80215	57506	93202	872//	01228	83705	85707	88710
Gorleston	497	80420	66026	93103	855//	00229	88620		
Aberporth	502	80712	50686	95002	873//	01222	88708		
Filton	628	80506	40586	94503	852//	03218	82704	86708	88615
Rhoose	715	80612	62216	94003	872//	02118	81704	88706	
Hartland Point	703	83208	86025	92807	5542/	05115	81618	85634	88460
Mount Batten	827	82718	65022	94309	854//	05113	81614	84625	88647
St.Mawgan	817	82716	65628	94707	884//	05117	83810	88620	
Scilly	804	63214	72012	96608	65500	05212	86628		
Culdrose	809	62714	65028	95608	65500	04113	86623		
Guernsey	894	72821	80028	95609	784//	05117	86816	87630	
Elmdon	534	80210	35716	95901	7532/	00224	83706	85708	86612
Cardington	559	80310	64026	94303	854//	01122	86710	88615	
Wittering	462	80310	70686	95101	871//	01222	81702	86704	88707
Watnall	354	80214	40717	96501	873//	00120	86706	88708	
Shawbury	414	80109	50717	96701	6532/	00119	81708	86616	88540
Finningley	360	80208	65717	97501	854//	00220	85614	88640	
Spurn Point	396	80720	64028	96602	825//	50220	88820		
Leeming	257	80612	56227	00500	854//	50219	88614		
Tynemouth	262	80729	69028	01602	3352/	54215	83920	88458	
Carlisle	222	70513	65717	02251	754//	53219	81712	87626	
Valley	302	80617	65617	98102	854//	01121	82616	88640	
Ringway	334	80612	50717	98101	853//	51123	83707	88614	
Squires Gate	318	70410	60717	99301	755//	51220	84624	87646	
Ronaldsway	204	70419	58717	00101	754//	51116	82716	87624	
Mull of Galloway	131	80817	82031	01301	855//	54218	88625		
Eskdalemuir	162	00111	70027	03954	00900	56217			
Prestwick	135	00610	74020	04453	00900	55219			
Abbotsinch	140	40506	62158	05453	48400	55118	82818	83629	
Leuchars	171	60819	60858	05900	685//	56213	82820	86632	
Dyce	091	70715	60858	08251	794/3	57214	81910	83814	85627
Lerwick	005	81522	50858	10653	824//	55209	88812		
Wick	075	41314	80018	09300	43400	55211	81915	83635	
Sule Skerry	010	81624	60858	08901	834//	51207	88915		
Cape Wrath	049	31805	82028	08752	35500	52208	83625		
Stornoway	026	21305	82020	08751	21500	55208	82820		
Benbecula	022	10810	80020	07853	15600	56210	81630		
Tiree	100	10816	88010	06651	15600	56115	81635		
Aldergrove	917	70816	82017	02501	757//	54217	87656		
Malin	980	70723	83017	03902	754//	54113	81718	84627	85650
Belmullet	976	60511	70838	01702	635//	51210	83920	84638	~~82920~~
Birr	965	80309	60606	99501	864//	50110	88712		
Dublin	969	80616	70687	99303	863//	01122	83707	85710	87715
Shannon	962	80412	80022	99402	864//	50205	88713		
Roches Point	952	13412	75016	97803	15600	01213	81637		
Valentia	953	20707	70011	98902	26400	01209	82717		

OBSERVATIONS at 06h. 30 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	80309	60686	96302	852//	01214	82704	87707	88616
Hurn	862	80208	59022	95503	863//	02211	88707		
Manston	797	83513	28536	94803	871//	03312	81702	85703	88708
Gatwick	776	80107	24686	95403	872//	03210	85705	88708	
Kew	775	80309	40686	96302	873//	01220	84706	88708	
Heathrow	772	80209	40686	95902	873//	01216	86706	88708	
Honington	586	80408	23717	96900	853//	50316	84706	88622	
Wattisham	590	80212	35717	96700	852//	50317	83704	85707	88618
Gorleston	497	80420	66717	96301	855//	52213	88625		
Aberporth	502	80713	62027	98002	854//	50209	85712	88628	
Filton	628	80414	45686	97101	872//	01216	86704	88707	
Rhoose	715	80513	66706	96801	853//	00215	81709	88656	
Hartland Point	703	80415	74702	95504	854//	03216	84711	88619	
Mount Batten	827	13209	65011	95006	15700	04102	81650		
St.Mawgan	817	13508	80016	95804	18400	02306	81810		
Scilly	804	30215	75021	96007	35600	04604	83630		
Culdrose	809	43008	64011	96205	45400	04803	84614		
Guernsey	894	72912	75158	95508	784//	05605	85813	87640	
Elmdon	534	80310	57717	98601	853//	51217	87707	88656	
Cardington	559	80308	50717	97401	873//	01320	88708		
Wittering	462	80509	58717	98100	872//	00216	86704	88709	
Watnall	354	80212	30717	99450	6732/	50213	83706	84710	88540
Shawbury	414	80208	60717	99401	3547/	51211	83618	88358	
Finningley	360	80309	25717	00200	872//	00114	88704		
Spurn Point	396	70523	62687	99501	754//	00214	84715	86633	
Leeming	257	30110	65018	02951	31500	51110	83820		
Tynemouth	262	70925	61268	03901	735//	52209	87920		
Carlisle	222	70714	81027	04051	754//	54208	82714	87656	
Valley	302	70611	81706	00602	755//	51207	82622	87632	
Ringway	334	70514	75227	00501	754//	53211	87615		
Squires Gate	318	60612	83017	01500	28531	54207	81822	85359	
Ronaldsway	204	80413	75027	02201	854//	51105	81714	88624	
Mull of Galloway	131	60820	82012	03001	655//	56207	86625		
Eskdalemuir	162	70111	66021	05653	3567/	55209	83630	86362	
Prestwick	135	10812	75020	05553	15600	55102	81630		
Abbotsinch	140	60508	40858	06854	683//	57106	81708	83817	85630
Leuchars	171	20716	70268	07552	22300	55208	81808		
Dyce	091	71107	56878	09753	793//	56207	81706	82912	85816
Lerwick	005	41423	70368	12952	42400	56206	84812		
Wick	075	61511	80031	11450	634//	56208	81915	85635	
Sule Skerry	010	51818	80028	10701	53500	52209	85920		
Cape Wrath	049	11804	84020	10653	15500	53206	81625		
Stornoway	026	21507	82020	10051	28500	55206	81820		
Benbecula	022	11110	82020	08854	15600	57000	81635		
Tiree	100	10712	88020	07952	11400	56105	81818		
Aldergrove	917	10714	84021	03851	15700	54305	81656		
Malin	980	70820	75858	05202	735//	55102	86821	82921	
Belmullet	976	20713	70028	02800	23500	52101	82920	~~81920~~	
Birr	965	80407	62026	01401	864//	50305	85714	88628	
Dublin	969	80213	65716	01101	864//	51302	84710	88627	
Shannon	962	80607	80037	00702	864//	00106	82713	86716	87635
Roches Point	952	13608	75020	98801	15600	50003	81637		
Valentia	953	00816	70020	97802	00900	50813			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	01011	51	d.r.rd.d.	shr.s.r.s.
Hurn	862	94021	02	d.	r
Manston	797	01021	01	d.-d.r.	d.r.d.-r.s.
Gatwick	776	01011	00	r.rd.	d.r.-r.s.r.s.
Kew	775	95021	01	r.r	r.-r.s.
Heathrow	772	01021	01	r.rd.r.	d.r.d.r.r.s.
Honington	586	95516	51	d.r.-s.	s.s.
Wattisham	590	94512	52	d.r.d.s.s.	s.s.
Gorleston	497				
Aberporth	502	03011	50	r.r.r.s.s.s.	s.s.is.
Filton	628	03011	51	d.r.drr.s.	r.s.r.s.
Rhoose	715	03011	00	d.r.d.-r.rr.	r.-r.s.-s.
Hartland Point	703	00022	02		
Mount Batten	827	00031	01	+	+
St.Mawgan	817	97041	01	r	+
Scilly	804	00061	04	+	+
Culdrose	809	97021	51	+	+
Guernsey	894	91071	05	pr.	pr.ir.
Elmdon	534	01006	51	r.s.r.s.s.s.s.s	ss.s.
Cardington	559	95001	51	r.	r.-r.s.r.s.s.
Wittering	462	03006	51	r.r.s.s.	ss.s.ps.
Watnall	354	03517	00	r.s.r.s.s.s.	s.s.ss.
Shawbury	414	01005	51	r.s.r.s.s.s.s.s	s.s.
Finningley	360	03507	50	r.s.r.s.s.s.s.s	s.s.sis.
Spurn Point	396			pr.s.ir.r.s.	r.s.s.s.ps.
Leeming	257	94537	55	s.s.ps.	s.ps.
Tynemouth	262	02517	51	psphs	phs
Carlisle	222	97516	53	s.s.	+
Valley	302	01011	51	r.r.r.s.	r.s.is.
Ringway	334	97001	51	s.s.	s.s.ps.
Squires Gate	318	97513	53	s.s.	+
Ronaldsway	204	95005	51	s.s.	s.s.
Mull of Galloway	131	00513			
Eskdalemuir	162	91549	52	+	s.
Prestwick	135	00543	56	+	+
Abbotsinch	140	01567	60	ps.ps	ps.ps
Leuchars	171	01536	54	ps.psph.	psps.
Dyce	091	01537	56	ps.pHSphs	ps.ph.s.ph.
Lerwick	005	92539	59	psks	psks
Wick	075	94536	54	+	psps.
Sule Skerry	010	02526	53		
Cape Wrath	049	00539	57	+	+
Stornoway	026	00523	56	+	+
Benbecula	022	00553	65	+	+
Tiree	100	00523	56	+	+
Aldergrove	917	97525	54	s.s.	ps.
Malin	980	9700	50		
Belmullet	976	9150	52		
Birr	965	9700	51		
Dublin	969	0600	51		
Shannon	962	9701	01		
Roches Point	952	9700	51		
Valentia	953	9701	52		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	30001	80624	97072	87306	885//	00216	/////	/////	00004	10677	3//14	/////
	99570	70200	30004	40417	98258	06605	43400	00706	83910	/////	0//01	11044	30907	07006
	99659	70004	30004	20826	98018	22751	28500	00108	81825	/////	0//58	10527	30605	/////
	99471	70169	30004	61914	97011	92512	68400	00824	81813	86633	0//12	11256	30000	24806

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	30061	70523	97258	89406	73400	00215	/////	/////	00005	10689	3//14	/////
	99571	70202	30064	50829	99038	07006	52400	00502	85815	/////	0//01	11031	30803	09006
	99659	70006	30064	60922	96861	23253	69500	00400	84925	/////	0//59	10525	30705	/////
	99471	70169	30064	82214	96616	86012	855//	00735	88620	/////	0//13	11258	30503	24806

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42773

Date of Issue SUNDAY 31 DECEMBER 1978

OBSERVATIONS at 12h. 30 December 1978

Code FM 11.V

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70514	81017	99901	714//	52220	84712	86818	
Hurn	862	70513	70036	99603	753//	51225	82708	87612	
Manston	797	80215	56777	98301	884//	51118	82710	85812	88615
Gatwick	776	50314	70037	99601	58400	53217	83816	83640	
Kew	775	70612	75268	00601	785//	53223	84820	83630	
Heathrow	772	50415	75037	00501	58500	52225	83820	83628	
Honington	586	30615	80267	00951	32400	54115	83817		
Wattisham	590	70417	60857	00651	784//	54117	83811	87624	
Gorleston	497	80530	58707	01100	855//	52217	88625		
Aberporth	502	61010	75012	00302	65500	52008	82625	85640	
Filton	628	70811	70037	00202	784//	51218	82817	86625	
Rhoose	715	50714	80017	00102	58400	51020	84818		
Hartland Point	703	80920	66152	98102	855//	52012	88620		
Mount Batten	827	70814	62021	97104	756//	01000	87635		
St.Mawgan	817	70912	60021	96504	653/2	01803	83708	85622	
Scilly	804	40914	80011	94808	12571	02823	81820	83075	
Culdrose	809	70610	45051	96005	2553/	03806	82620	86362	
Guernsey	894	60309	81016	96708	48402	05006	83812	83075	
Elmdon	534	60609	70017	02201	58431	52218	85810		
Cardington	559	40514	80037	01500	42500	54219	84820		
Wittering	462	50613	81038	02201	58400	53216	83815	83625	
Watnall	354	70512	65268	02951	723//	51123	87809		
Shawbury	414	70711	75158	02101	784//	52112	83816	84620	87625
Finningley	360	50706	65038	03951	39460	51216	81910	83359	
Spurn Point	396	50619	60017	03801	58500	51220	83820	85640	
Leeming	257	60513	70268	05950	68400	53212	82815	85640	
Tynemouth	262	70930	61268	06800	6353/	52212	86920		
Carlisle	222	51302	70268	06651	48430	53118	82710	83815	
Valley	302	20715	75037	02702	28500	52214	81820		
Ringway	334	50815	58158	02901	58400	54006	83818	83650	
Squires Gate	318	30815	82011	03800	38401	53110	83817		
Ronaldsway	204	70821	72158	03702	795//	52110	82922	86827	
Mull of Galloway	131	70917	82022	04400	785//	51311	83820	87635	
Eskdalemuir	162	80415	61857	07953	6843/	55216	83816	85635	
Prestwick	135	60817	62031	06951	48462	54108	81710	83650	
Abbotsinch	140	60616	50858	08252	38331	53108	81707	83816	
Leuchars	171	70921	57368	10051	794//	55215	82912	84818	86650
Dyce	091	41014	56278	12852	39400	58220	81710	82915	
Lerwick	005	71522	68028	15351	634/3	57211	81910	84630	
Wick	075	51317	40858	13851	53200	56213	81705	84910	
Sule Skerry	010	61619	74158	13201	52401	53214	85815		
Cape Wrath	049	10000	84020	12252	12500	56206	81820		
Stornoway	026	11209	88010	11900	18500	55111	81820		
Benbecula	022	10914	89020	10551	11500	56207	81825		
Tiree	100	20815	89030	08851	28400	57205	81818		
Aldergrove	917	50914	75268	04701	52400	52104	81818	84824	
Malin	980	70925	60858	05550	734//	50000	82714	87917	
Belmullet	976	40817	76020	02802	43500	51809	83820	81920	
Birr	965	80510	20707	01201	863//	50806	87708	85624	
Dublin	969	60814	62028	02001	633//	51002	83709	85820	81920
Shannon	962	50714	82022	99202	38502	52816	83820	83075	
Roches Point	952	70416	70031	96803	18416	50827	81710	87070	
Valentia	953	70714	80031	95804	38576	51827	81822	83635	86358

OBSERVATIONS at 18h. 30 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80824	75022	96651	6572/	53725	86650	88460	
Hurn	862	80712	65032	95600	3843/	55729	82818	88357	
Manston	797	80419	62028	98051	854//	55811	88613		
Gatwick	776	80520	65022	97651	854//	54824	84617	88620	
Kew	775	80718	70021	98351	1851/	54719	81820	88465	
Heathrow	772	80620	75031	98451	3651/	56819	83620	~~88465~~	
Honington	586	60716	75028	00652	624//	57807	86819		
Wattisham	590	70617	75858	00952	48502	56802	83820	86072	
Gorleston	497	80634	66027	01000	855//	52807	88625		
Aberporth	502	80916	75032	95100	1557/	55626	81620	88463	
Filton	628	70821	70012	96751	5552/	55720	81625	84635	87460
Rhoose	715	80823	77032	95450	6542/	55623	86618	88461	
Hartland Point	703	80836	10737	90651	854//	51838	88610		
Mount Batten	827	80827	56716	88201	854//	51858	85712	88615	
St.Mawgan	817	80717	30717	88301	872//	50544	85705	88709	
Scilly	804	81032	56626	83807	875//	05757	88720		
Culdrose	809	80724	20656	86903	872//	03649	82703	84706	88710
Guernsey	894	80730	56636	88605	852//	05853	83703	86705	87707
Elmdon	534	80714	70038	99851	58407	54819	83815	85625	88270
Cardington	559	60716	80021	00251	52502	56811	83821	84829	
Wittering	462	60812	80038	01052	684//	54811	84810	84616	
Watnall	354	70616	60028	01452	724//	53812	87810		
Shawbury	414	80716	58268	99651	884//	52718	85812	88618	
Finningley	360	60713	65858	02452	694//	53810	81910	84814	
Spurn Point	396	60821	61038	02701	684//	52807	86815		
Leeming	257	30710	56268	05052	39400	53809	81912	83630	
Tynemouth	262	71032	69268	06652	735//	55805	87920		
Carlisle	222	61108	60268	05553	684//	55711	81710	83818	85628
Valley	302	60824	65021	99100	18508	55615	81820	86275	
Ringway	334	30715	64858	01152	22501	54813	82820		
Squires Gate	318	30714	75011	01952	18502	55717	81822		
Ronaldsway	204	70828	65038	01401	725//	54711	83822	86825	
Mull of Galloway	131	81024	60862	02450	894//	51803	88910		
Eskdalemuir	162	50310	50858	07055	59400	57707	81710	83915	
Prestwick	135	30920	70038	06053	28531	55804	81820		
Abbotsinch	140	60612	50858	07753	683//	54806	82708	84814	
Leuchars	171	50923	62368	09751	59400	54803	82915	84820	
Dyce	091	30915	62268	12353	39400	58703	83912		
Lerwick	005	71715	65858	15853	794//	56501	81910	83812	85632
Wick	075	41415	60268	13653	43400	54704	81910	84815	
Sule Skerry	010	41619	81011	13400	42400	52803	84815		
Cape Wrath	049	21602	84020	12454	22500	58709	82820		
Stornoway	026	11113	84020	11552	15600	57802	81640		
Benbecula	022	10915	89020	09252	11500	55707	81825		
Tiree	100	41122	87011	07251	48500	57504	82825		
Aldergrove	917	60919	70038	02300	684//	53709	84816	85628	
Malin	980	60937	75278	03002	634//	54505	86917		
Belmullet	976	60720	70031	98601	685//	53711	81820	85637	
Birr	965	70710	60858	95701	734//	52717	87918		
Dublin	969	70920	70264	97500	734//	50715	83712	87922	~~84922~~
Shannon	962	70617	70022	93402	6567/	52718	82630	85650	87459
Roches Point	952	80732	75026	89504	854//	52835	83712	88629	
Valentia	953	80617	80022	89003	864//	51729	86717	88630	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_E$	ss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	92027	020	+	$s_o$ssh
Hurn	862	97031	001	+	shs$_o$
Manston	797	97023	000	$r_os_oish_o$	ish$_o$ps$_o$–s$_o$
Gatwick	776	97027	012	+	ps$_o$
Kew	775	91028	012	pr$_o$ps$_o$	s$_o$
Heathrow	772	91025	015	+	shs$_o$
Honington	586	97006	028	is$_o$ps$_o$	ps$_o$
Wattisham	590	91503	019	s$_os_o$ps$_o$	ps$_o$
Gorleston	497		000		
Aberporth	502	00021	003	+	+
Filton	628	92026	023	+	s$_os_o$
Rhoose	715	99027	001	+	r$_os_oss_oss$
Hartland Point	703	99057	000		
Mount Batten	827	02067	003	+	r$_os_os_os_o$
St.Mawgan	817	03059	021	+	SS
Scilly	804	10082	007	ir	rr
Culdrose	809	14056	016	+	irrRstl
Guernsey	894	12082	006	jr	ir$_o$rrRdr
Elmdon	534	97015	028	ph	ps$_o$
Cardington	559	97013	040	+	pr$_o$ps$_o$
Wittering	462	97015	040	ps$_o$	ps$_o$
Watnall	354	01007	000	s$_o$ps$_o$ps	ps$_o$ss$_o$
Shawbury	414	91025	009	ps$_o$	ps$_o$
Finningley	360	01507	017	ps$_o$	ps$_o$psks
Spurn Point	396				
Leeming	257	92007	011	ps$_o$	ps$_o$ps
Tynemouth	262	91017	004	ps	ps$_o$
Carlisle	222	01516	000	ps$_o$	ps$_o$ps
Valley	302	00033	052	+	+
Ringway	334	97016	040	jp	ps$_o$psps$_o$ps
Squires Gate	318	00013	024	+	+
Ronaldsway	204	92025	001	s$_o$ph$_o$ph	ph$_o$
Mull of Galloway	131	97013			
Eskdalemuir	162	95537	006	sps$_o$	psps$_o$
Prestwick	135	97513	036	ps$_o$	+
Abbotsinch	140	94517	007	ps$_o$ps ~~ps$_o$~~	ps$_o$~~ps~~
Leuchars	171	01007	001	ps$_o$psph$_o$phks	ps$_o$pskskS
Dyce	091	97519	007	ph$_o$ps$_o$	psps$_o$
Lerwick	005	97519	000	ps$_o$	ps$_o$
Wick	075	01508	003	ps$_o$psks$_o$	ph$_o$ps$_o$ks$_o$
Sule Skerry	010	00027			
Cape Wrath	049	00529	046	+	+
Stornoway	026	00003	050	+	+
Benbecula	022	00003	059	+	+
Tiree	100	00003	018	+	+
Aldergrove	917	01025	011	ps$_o$	ps$_o$
Malin	980	0103	000		
Belmullet	976	9702	059		
Birr	965	9701	002		
Dublin	969	0703	012		
Shannon	962	0003	015		
Roches Point	952	9104	001		
Valentia	953	9704	000		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

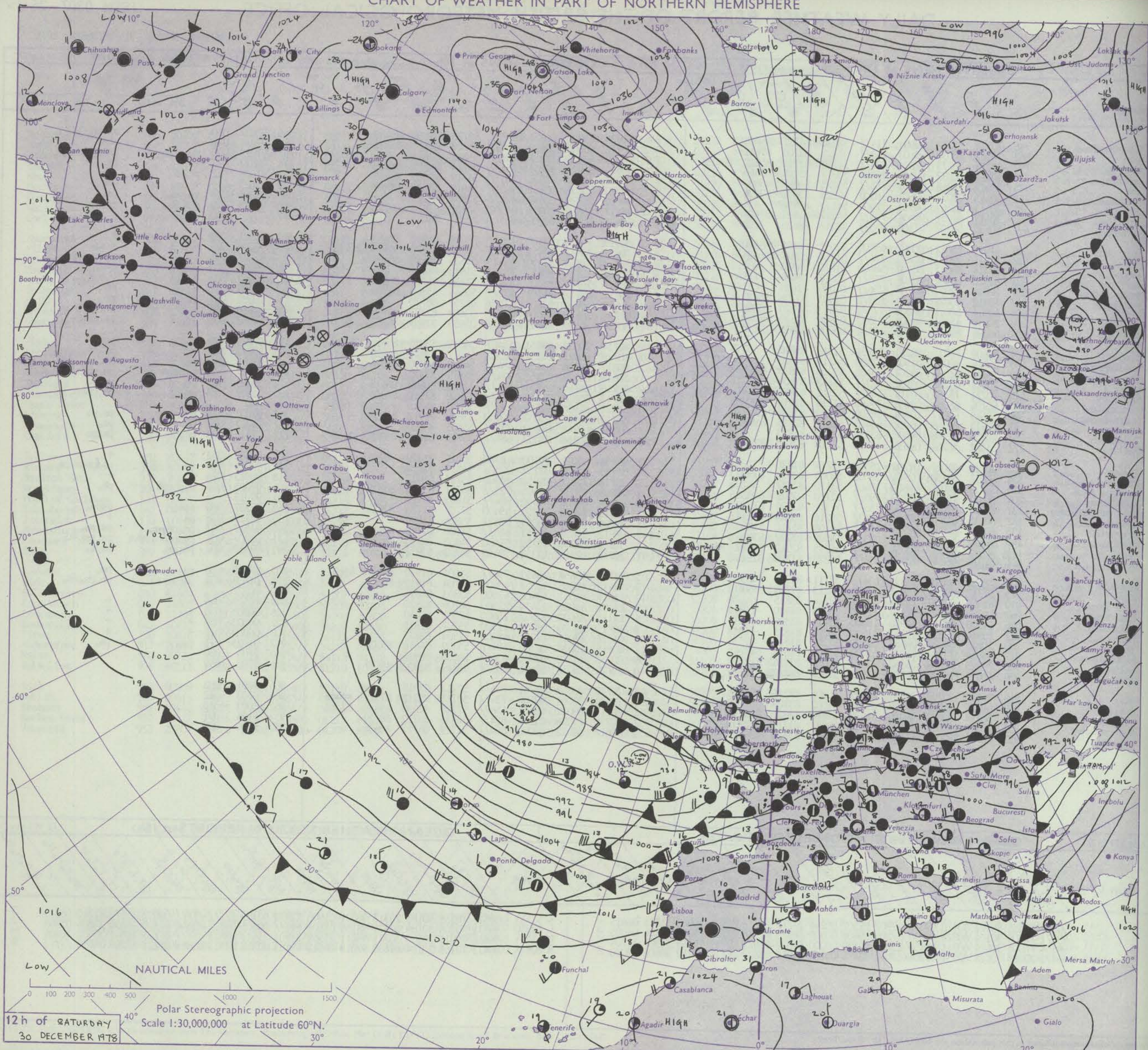
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_saPP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	30121	50418	97078	97707	22502	00244	/////	/////	00104	10683	31011	06415
	99571	70204	30124	60925	97258	07206	69400	00005	86915	/////	0//03	11040	30806	04005
	99658	70008	30124	60911	98158	23251	64530	00000	81820	85623	0//59	10559	30301	12704
	99470	70169	30124	62531	97256	83112	33478	00122	81916	83820	0//10	11250	30606	23010

OCEAN WEATHER STATION REPORTS at 18h.

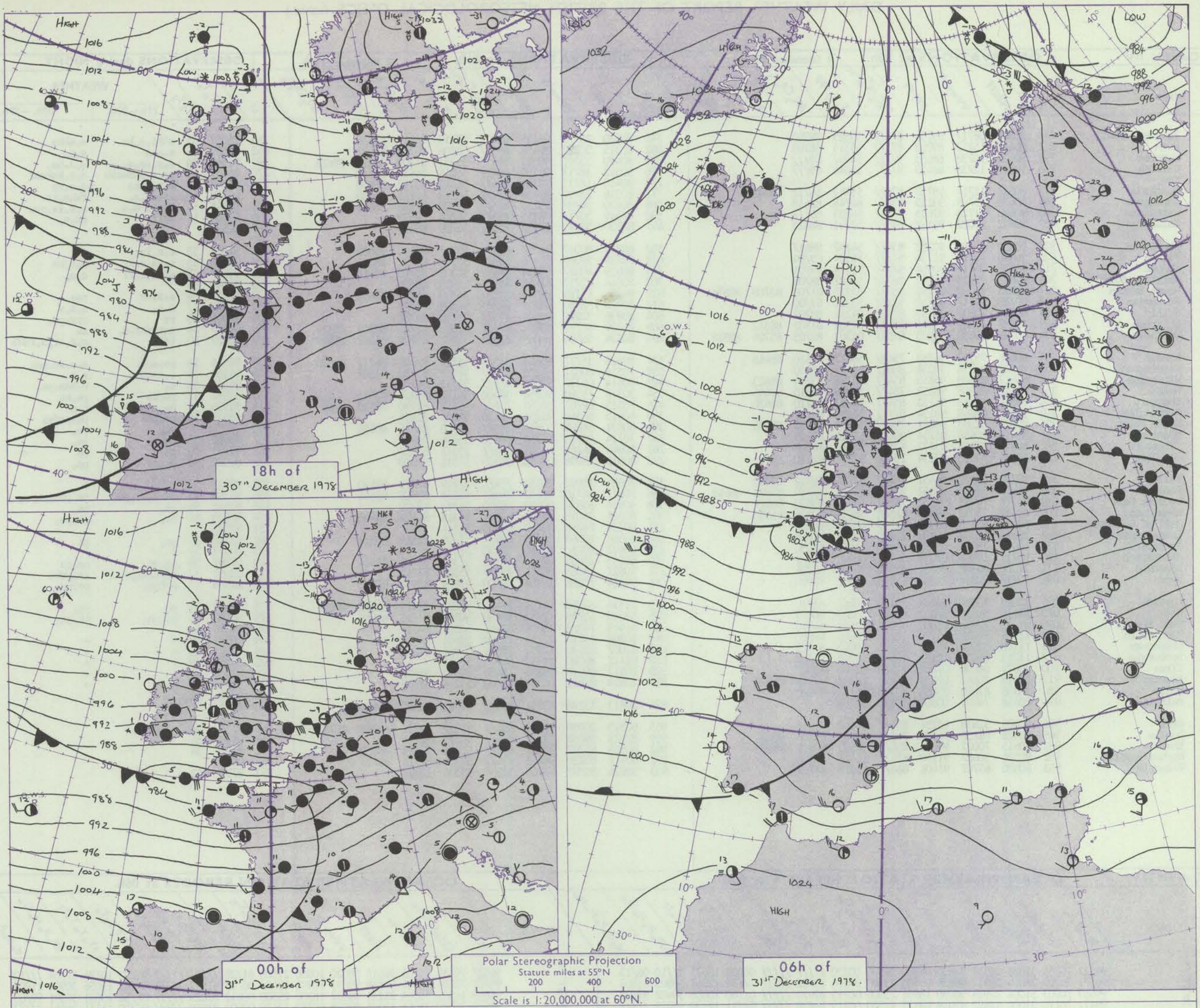
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_saPP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	30181	20317	98021	01906	21530	00325	/////	/////	00003	10679	31010	06313
	99571	70206	30184	60822	98158	07606	694//	00305	84912	83640	0//00	11050	30806	05905
	99658	70011	30184	30715	98011	21552	34501	21611	83625	/////	0//55	10541	30402	10604
	99471	70169	30184	62630	97018	86012	49463	00318	81913	83816	0//11	11264	31013	/////

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



Issued at midday SUNDAY 31 DECEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a ridge of high pressure persisted over Scandinavia. A small active depression moved rapidly eastwards just to the south of England causing the easterly airflow over the British Isles to strengthen considerably. A frontal trough became slow-moving east to west over north France and western English Channel.

During the next 24 hours the frontal trough to the south is expected to weaken with the easterly airflow slackening over much of the British Isles with the pressure rising and a ridge of high pressure extending from Scandinavia to eastern parts.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

OBSERVATIONS at 00h. 31 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Boscombe Down	746	80624	08717	89954	871//	55525	88702		
Hurn	862	80414	15717	89053	872//	53514	88703		
Manston	797	90628	10738	88653	9////	54767	89///		
Gatwick	776	90524	12738	88453	9////	54646	89///		
Kew									
Heathrow	772	80522	12717	89753	6742/	55747	86712	88518	
Honington	586	80628	75708	93253	854//	60748	88618		
Wattisham	590	90625	11728	92655	9////	56853	89///		
Gorleston	497	80842	60022	95152	855//	52741	88625		
Aberporth	502	80820	50702	92252	854//	54107	88617		
Filton	628	90618	10717	91754	9////	55507	89/04		
Rhoose	715	90626	06717	90654	9////	55114	89/01		
Hartland Point	703	80843	02757	86552	863//	54122	88706		
Mount Batten	827	80825	57027	84752	853//	53213	81706	83708	88656
St.Mawgan	817	90718	25717	84752	9////	53210	89/00		
Scilly	804	80929	40636	82705	873//	04211	88707		
Culdrose	809	80827	25689	83801	3712/	01309	81702	88512	
Guernsey	894	80718	58636	82905	6722/	04303	82703	85704	88518
Elmdon	534	80616	75262	94752	7542/	56627	87616	88465	
Cardington	559	80722	30738	93254	8062/	55637	88540		
Wittering	462	80617	80708	94853	854//	55736	83714	88623	
Watnall	354	70518	68368	96253	784//	55828	82810	87645	
Shawbury	414	80612	57718	95753	854//	54617	82710	88620	
Finningley	360	90817	06868	98154	9////	54624	89///		
Spurn Point	396	70727	62268	98051	784//	51735	85818	85630	
Leeming	257	30417	40858	01754	38400	55820	83810		
Tynemouth	262	60942	39858	03752	635//	54613	86920		
Carlisle	222	20814	70018	03254	28400	57707	81710		
Valley	302	70730	75022	96451	784//	57704	81819	87630	
Ringway	334	70818	58858	97652	784//	55618	82710	85822	86645
Squires Gate	318	70718	70268	99552	785//	56611	83820	86627	
Ronaldsway	204	60732	75038	99650	58502	56610	82824	84635	
Mull of Galloway	131	60927	80858	00952	625//	53706	86820		
Eskdalemuir	162	20316	62028	05256	22400	58607	82818		
Prestwick	135	10916	75020	05555	15700	56201	81650		
Abbotsinch	140	90711	10868	07054	9////	56301	89///		
Leuchars	171	31028	66368	08252	32500	55708	83824		
Dyce	091	10717	70268	11154	19400	58807	81910		
Lerwick	005	31417	80268	15753	39400	57801	81910		
Wick	075	61113	50858	13052	624//	54803	86815		
Sule Skerry	010	61413	72038	13400	624//	51001	86815		
Cape Wrath	049	11601	84020	13154	12500	58306	81820		
Stornoway	026	11108	82010	12152	15500	59003	81622		
Benbecula	022	11015	85020	10153	15500	59208	81625		
Tiree	100	20821	86030	07852	21500	58105	82827		
Aldergrove	917	60818	70261	02252	684//	56102	82818	85628	
Malin	980	30935	81018	03800	33500	56103	83920		
Belmullet	976	00618	74021	00001	00900	52208			
Birr	965	80609	32858	95751	834//	53002	85918		
Dublin	969	80828	62858	96300	863//	52802	85708	88620	
Shannon	962	80615	70022	94001	856//	54103	82635	88650	
Roches Point	952	80526	30687	91150	871//	50111	88702		
Valentia	953	80520	65707	91401	864//	52219	88717		

OBSERVATIONS at 06h. 31 December 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Boscombe Down	746	80620	45777	92155	6542/	57110	86617	88556	
Hurn	862	80315	50387	90454	853//	55206	85708	88622	
Manston	797	80420	35707	90053	883//	55322	81709	84812	88616
Gatwick	776	80312	38717	91354	4542/	56215	84617	88540	
Kew	775	80418	18717	92354	854//	56315	83712	88620	
Heathrow	772	80316	25717	92454	854//	56313	82712	88630	
Honington	586	80620	56707	93754	855//	59309	87620	88635	
Wattisham	590	80519	50717	93355	855//	58215	88629		
Gorleston	497	80730	58022	93852	855//	55209	88625		
Aberporth	502	60821	80017	94052	654//	55213	82616	86630	
Filton	628	80719	59367	93154	5552/	57306	85622	88462	
Rhoose	715	80619	40367	91954	854//	56302	83710	88616	
Hartland Point	703	80844	02757	87853	863//	55304	88706		
Mount Batten	827	80726	15722	85953	854//	55803	84710	88632	
St.Mawgan	817	80723	56367	85354	873//	56509	88707		
Scilly	804	80936	32697	82101	873//	00710	88707		
Culdrose	809	80729	10737	83651	6712/	52806	82702	86705	88512
Guernsey	894	80724	56696	84003	6732/	02802	83706	85707	88540
Elmdon	534	80408	35717	95553	853//	55210	82706	86711	88625
Cardington	559	70516	80027	94253	756//	58311	85630	87657	
Wittering	462	90614	05737	95554	9////	55312	89/02		
Watnall	354	30318	75368	96954	38400	56212	81810	83645	
Shawbury	414	70515	68707	96653	754//	55211	81710	83620	87650
Finningley	360	40615	60368	98254	48400	55309	82815		
Spurn Point	396	80831	56868	97651	884//	//208	85815	88630	
Leeming	257	30714	40858	01754	38400	55306	83811		
Tynemouth	262	50940	56268	03551	535//	55311	85920		
Carlisle	222	40512	75038	04055	38530	57311	82820		
Valley	302	70625	75022	98451	784//	57219	81819	87630	
Ringway	334	70617	56718	98653	784//	55214	85818	87645	
Squires Gate	318	40614	65858	00753	48500	56313	83820		
Ronaldsway	204	60521	75018	01352	685//	56318	84823	84640	
Mull of Galloway	131	00734	84268	03053	00900	58214			
Eskdalemuir	162	60316	20868	05756	694//	57309	83915	85818	
Prestwick	135	00412	80010	06556	00900	57312			
Abbotsinch	140	60613	25858	07554	683//	57309	82708	85814	
Leuchars	171	70827	14868	08254	724//	55207	87812		
Dyce	091	50314	70268	10754	59400	57304	82910	84812	
Lerwick	005	71514	62858	14754	794//	57805	82914	83818	86621
Wick	075	51015	65268	12953	58400	59301	83815	84645	
Sule Skerry	010	41413	74028	13851	42400	55205	84815		
Cape Wrath	049	10909	84020	12754	12500	59601	81820		
Stornoway	026	21007	82030	12852	28500	57304	82822		
Benbecula	022	01112	86020	11753	00900	57212			
Tiree	100	10517	86010	09853	18400	59215	81818		
Aldergrove	917	10814	82011	04253	15500	55214	81625		
Malin									
Belmullet	976	50813	75278	03751	535//	57222	85920	~~83920~~	
Birr	965	60513	20858	99252	634//	55322	83718	84628	81920
Dublin	969	80523	59858	99252	864//	54219	88715		
Shannon	962	80518	65707	98951	854//	52225	82713	88630	
Roches Point	952	80417	65226	94451	854//	54324	81714	88629	
Valentia	953	30226	80037	97200	32500	53334	83822		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	08557	55	sSfs$_o$s$_o$ks	s$_o$shks
Hurn	862	02557	53	s$_o$s$_o$s	s$_o$s$_o$
Manston	797	01546	54	s$_o$s$_o$ss$_o$s$_o$	s$_o$s$_o$ss$_o$
Gatwick	776	06557	55	ps$_o$s$_o$ssfksks	s$_o$s$_o$kskssf
Kew	775	06549	54	s$_o$ssks	ss$_o$s$_o$ks
Heathrow	772	02558	56	ffsss$_o$s$_o$	fsss$_o$ks
Honington	586	97545	54	ps$_o$s$_o$–s$_o$s$_o$	s$_o$s$_o$is$_o$–s$_o$
Wattisham	590	01566	57	ssff	ss$_o$s$_o$
Gorleston	497	00523			
Aberporth	502	97535	53	s$_o$s$_o$is$_o$	is$_o$
Filton	628	05558	55	s$_o$ss$_o$s$_o$ks	s$_o$s$_o$ks
Rhoose	715	99557	58	sffs$_o$s$_o$ff	s$_o$s$_o$
Hartland Point	703	99547	54		
Mount Batten	827	92557	54	s$_o$s$_o$ks	sss$_o$
St.Mawgan	817	01559	//	s$_o$s$_o$	s$_o$s$_o$s
Scilly	804	12005	00	rr	rrrsps$_o$
Culdrose	809	09547	54	ssrsrsr$_o$s$_o$	ss
Guernsey	894	30022	00	rrR	r$_o$r$_o$rr$_o$s$_o$rsRS
Elmdon	534	92546	55	ps$_o$s$_o$s$_o$	s$_o$s$_o$ss$_o$ps$_o$
Cardington	559	01556	55	s$_o$sss$_o$s$_o$	s$_o$s$_o$
Wittering	462	01547	55	s$_o$	s$_o$sss$_o$ps$_o$
Watnall	354	93557	57	ps$_o$ks	ps$_o$ks
Shawbury	414	91535	55	ps$_o$s$_o$s$_o$	s$_o$s$_o$
Finningley	360	05547	56	ps$_o$psf	ps$_o$psfks
Spurn Point	396			ps$_o$	ps$_o$
Leeming	257	95557	57	ps$_o$ps	ps$_o$
Tynemouth	262	92547	55	ps	ps
Carlisle	222	02569	60	ps$_o$ps	ps$_o$
Valley	302	00523	53	+	+
Ringway	334	94549	55	ps$_o$s$_o$ps$_o$ps$_o$	ps$_o$pss$_o$psps$_o$
Squires Gate	318	97545	54	ps$_o$	ps$_o$
Ronaldsway	204	97535	54	ps$_o$	ph$_o$ps$_o$
Mull of Galloway	131	97545			
Eskdalemuir	162	03587	57	ps$_o$	ps
Prestwick	135	00573	59	+	+
Abbotsinch	140	01567	58	ps$_o$ps	ps$_o$ps
Leuchars	171	03557	53	kSps$_o$ksps	ps$_o$psks
Dyce	091	01569	57	psfps$_o$	psfps$_o$
Lerwick	005	97559	54	ps$_o$	ps$_o$
Wick	075	94548	56	ps$_o$ph$_o$	ph$_o$ps$_o$
Sule Skerry	010	91526	54		
Cape Wrath	049	00548	58	+	+
Stornoway	026	00543	56	+	+
Benbecula	022	00553	59	+	+
Tiree	100	00543	56	+	+
Aldergrove	917	97545	55	ps$_o$	+
Malin	980	9751	52		
Belmullet	976	9151	53		
Birr	965	9754	54		
Dublin	969	0153	54		
Shannon	962	9752	54		
Roches Point	952	05			
Valentia	953	9751	52		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	31001	40317	98030	06906	22530	00230	/////	/////	00003	10677	3//10	06/13
	99571	70206	31004	30517	98038	09805	33400	00106	83912	/////	0//50	11067	30805	11803
	99659	10003	31004	20914	98030	18951	25500	00715	82625	/////	0//60	10608	30402	99/03
	99471	70170	31004	42622	97018	89112	42500	00219	84820	/////	0//11	11230	31012	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	31061	20615	98020	10506	21500	81228	/////	/////	05202	10724	3//08	///13
	99571	70206	31064	60818	99031	10905	1345/	00207	81912	86359	0//02	11056	30904	11903
	99659	10002	31064	21111	98022	16350	25500	00612	82625	/////	0//56	10601	30301	99/03
	99471	70169	31064	12531	98018	89712	12400	00000	81810	/////	0//10	11251	31014	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell